ภาคผนวก ข

เอกสารประกอบมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

ภาคผนวก ข.1-1

เอกสารการตรวจสอบสภาพเครื่องจักรและอุปกรณ์ที่นำมาใช้ในโครงการ

แบบการทดสอบการติดตั้งปั้นจั่นเมื่อติดตั้งเสร็จ ปั้นจั่นที่มีการหยุดใช้งาน และส่วนประกอบและอุปกรณ์ของปั้นจั่นชนิดเคลื่อนที่

๑.การทดสอบกรณี

☐ (๑) การทดสอบตามข้อ ๕๗

☐ ปั้นจั่นที่มีการติดตั้งแล้วเสร็จ

☐ กรณีปั้นจั่นใหม่หลังการติดตั้งแล้วเสร็จ ก่อนการใช้งาน

☐ กรณีปั้นจั่นที่ใช้งานมีการเปลี่ยนแปลงโครงสร้าง หรือการเพิ่มหรือลดลดความสูง

☐ ปั้นจั่นหยุดการใช้งานตั้งแต่ ๖ เดือนขึ้นไป ก่อนนำมาใช้งานใหม่

ปั้นจั่นที่ใช้สำหรับประเภทการทำงาน

☐ ประเภทอุตสาหกรรม ตั้งแต่ ๓ ตันขึ้นไป

ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดขนาด ตัน

☐ ประเภทก่อสร้าง ทุกขนาด

ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดขนาด ตัน

☐ ประเภทอื่นๆ ระบุ ตั้งแต่ ๑ ตันขึ้นไป

ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดขนาด ตัน

☑ (๒) การทดสอบส่วนประกอบและอุปกรณ์ของปั้นจั่นตามข้อ ๕๗

(๒.๑) ประเภท ☐ อุตสาหกรรม ☐ อื่นๆ ระบุ

การทดสอบครั้งนี้เป็นรอบที่ ☐ ๑ ☐ ๒ ☐ ๓ ☐ ๔ ☐ อื่นๆ

การทดสอบครั้งล่าสุดเมื่อวันที่

☐ ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดตั้งแต่ ๑ ตัน แต่ไม่เกิน ๓ ตัน ทดสอบอย่างน้อยปีละ ๑ ครั้ง

☐ ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดมากกว่า ๓ ตัน แต่ไม่เกิน ๕๐ ตัน ทดสอบอย่างน้อย ๖ เดือน ต่อ ๑ ครั้ง

☐ ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดมากกว่า ๕๐ ตันขึ้นไป ทดสอบอย่างน้อย ๓ เดือน ต่อ ๑ ครั้ง

(๒.๒) ประเภทก่อสร้าง

การทดสอบครั้งนี้เป็นรอบที่ ☑ ๑ ☑ ๒ ☐ ๓ ☐ ๔ ☐ อื่นๆ

การทดสอบครั้งล่าสุดเมื่อวันที่ 23 มกราคม 2569

☐ ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดไม่เกิน ๓ ตัน ทดสอบอย่างน้อย ๖ เดือน ต่อ ๑ ครั้ง

☑ ขนาดพิกัดน้ำหนักยกปลอดภัยตามที่ผู้ผลิตหรือวิศวกรกำหนดมากกว่า ๓ ตันขึ้นไป ทดสอบอย่างน้อย ๓ เดือน ต่อ ๑ ครั้ง

ลงชื่อ [redacted]

เลขที่ ปจ.2 : 08/ 68/0401 ได้รับใบสำคัญการขึ้นทะเบียนตามมาตรา 11 เป็นผู้ทดสอบ

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

๒. ผู้ทำการทดสอบ ได้ดำเนินการทดสอบส่วนประกอบและอุปกรณ์ของปั้นจั่น

ชื่อสถานประกอบกิจการ บริษัท ยู - เซอร์วิสเซส (ประเทศไทย) จำกัด

เลขทะเบียนนิติบุคคล 0215560007917

ประกอบกิจการ ประเภทบริการซ่อมบอเตอร์ไฟฟ้าทุกประเภท ทุกขนาด และงานไฟฟ้าทั้งระบบ

ชื่อนายจ้าง/ผู้กระทำแทน คุณไพยันต์ วัลไพยกรกุล

สถานที่ประกอบกิจการตั้งอยู่เลขที่ 155 หมู่ 10 ซอย ถนน

แขวง/ตำบล ลาดเสี้ยว เขต/อำเภอ แก่งคอย

จังหวัด สระบุรี โทรศัพท์ 036-679609

สถานประกอบกิจการมีปั้นจั่น จำนวน 4 เครื่อง ปั้นจั่นที่ทดสอบ เป็นเครื่องที่ 1

ทำการทดสอบเมื่อวันที่ 22 เมษายน 2568 ขณะทดสอบปั้นจั่นใช้งานอยู่ที่ บจก. เอ็นเซฟ เอ็นจิเนียริ่ง

ชื่อ-สกุล ของผู้ปั้นจั่น

(๑) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๒) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๓) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

ชื่อ-สกุล ของผู้ให้สัญญาณแก่ผู้บังคับปั้นจั่น

(๑) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๒) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๓) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

ชื่อ-สกุล ของผู้ยึดเกาะวัสดุ

(๑) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๒) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๓) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

ชื่อ-สกุล ของผู้ควบคุมที่ใช้ปั้นจั่น

(๑) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๒) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

(๓) ☐ ผ่านการอบรม (มีหลักฐานแสดง) ☐ ไม่ผ่านการอบรม

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

๓. ข้อมูลของผู้ผลิต ผู้สร้าง หรือผู้คำนวณออกแบบปั้นจั่น

โดย : ☑ ชื่อผู้ผลิต/ผู้สร้าง บริษัท ทาดาโน (ไทยแลนด์) จำกัด

☐ ชื่อวิศวกรผู้คำนวณออกแบบ (กรณีไม่ได้มาจากผู้ผลิต)

ยี่ห้อ TADANO ประเทศ JAPAN

ปีที่ผลิต หมายเลขเครื่อง EZ0684 รุ่น TM-ZT505H

ขนาดเครื่องต้นกำลัง 210 กิโลวัตต์/แรงม้า

มาตรฐาน (ถ้ามี) JIS ผู้นำเข้า/ผู้จัดจำหน่าย (ถ้ามี) บริษัท อีสัลไทยอุตสาหกรรม จำกัด

ที่อยู่ 02-0900999 โทรศัพท์ โทรสาร

๔. ข้อมูลของผู้ดำเนินการทดสอบประกอบด้วย

หรือนิติบุคคล (ชื่อ) บริษัท เอ็นเซฟ เอ็นจิเนียริ่ง คอนซัลแตนท์ จำกัด

หมายเลขบัตรประชาชน/เลขทะเบียนนิติบุคคล เลขที่ 0602-03-2526-0005

ที่อยู่เลขที่ 90/2 ซอย ถนน

แขวง/ตำบล ลำตาเสา เขต/อำเภอ วังน้อย

จังหวัด พระนครศรีอยุธยา โทรศัพท์/โทรสาร 089-9438650 /035-355950/035-355951

E-mail ensafe08@gmail.com

ผู้ทำการทดสอบมีคุณสมบัติอย่างหนึ่งอย่างใด ดังนี้

☐ (๑) ได้รับอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ตามกฎหมายว่าด้วยวิศวกร

เลขทะเบียน หมดอายุวันที่

และใบสำคัญ (ตามมาตรา ๙) เลขที่

ซึ่งไม่ได้อยู่ระหว่างถูกสั่งพักใช้ใบอนุญาตหรือถูกเพิกถอนใบอนุญาต

☑ (๒) ได้รับอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ประเภทนิติบุคคล ตามกฎหมายว่าด้วยวิศวกร

☑ (2) ได้รับอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ประเภทนิติบุคคล ตามกฎหมายว่าด้วยวิศวกร

เลขทะเบียน 556/56 หมดอายุวันที่ 12 พฤศจิกายน 2570

และใบอนุญาต (ตามมาตรา ๑๑) เลขที่ 0602-03-2526 0005

หมดอายุวันที่ 25 มกราคม 2571 ซึ่งไม่ได้อยู่ระหว่างถูกสั่งพักใช้ใบอนุญาตหรือถูกเพิกถอนใบอนุญาต

โดยมีบุคลากรที่ได้รับอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ตามกฎหมายว่าด้วยวิศวกร และไม่ได้อยู่ระหว่างถูกสั่งพักใช้ใบอนุญาตหรือเพิกถอนใบอนุญาต เป็นผู้ทำการทดสอบชื่อ นายสมพร โมระวัฒน์

เลขทะเบียน สก.5113 ระดับ หมดอายุ 13 มิถุนายน 2572

หมายเลขบัตรประชาชน 3450100573925

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

๕. กรณีทดสอบปั้นจั่นชนิดอยู่กับที่ ได้ดำเนินการทดสอบตามรายละเอียดคุณลักษณะและคู่มือการใช้งานที่ผู้ผลิตหรือวิศวกรกำหนดและตามรายการดังนี้

๑) แบบปั้นจั่น ☐ รถปั้นจั่นไฮดรอลิกล้อยาง ☐ รถปั้นจั่นตีนตะขาบ

☐ เรือปั้นจั่น ☑ อื่นๆ (ระบุ) รถบรรทุกติดเครน ทะเบียน 86-1007 สระบุรี

๒) ตารางการแสดงพิกัดน้ำหนักยก (Load Chart) ☑ ผู้ผลิตกำหนด ☐ วิศวกรกำหนด ให้แนบเอกสารตารางแสดงพิกัดน้ำหนักยก (Load Chart) ประกอบด้วย

☑ ที่แขนปั้นจั่นใกล้สุด 0.5 ตัน และที่แขนปั้นจั่นไกลสุด 5.05 ตัน

☐ ที่มุมองศามากสุด ตัน และที่มุมองศาน้อยสุด ตัน

☐ อื่นๆ ตัน

๓) รายละเอียดคุณลักษณะ (Specification) และคู่มือการใช้งานในการประกอบ การติดตั้ง ทดสอบ การใช้การซ่อมแซม การบำรุงรักษา การตรวจสอบ การชี้ลอดปั้นจั่นหรืออุปกรณ์อื่นของปั้นจั่น

☑ มี โดยผู้ผลิตกำหนด ☐ มี โดยวิศวกรกำหนด ☐ ไม่มี เหตุผล

๔) การดัดแปลงแก้ไขส่วนหนึ่งส่วนใดของปั้นจั่น

☐ มี (ระบุ) ☑ ไม่มี

๕) โครงสร้างปั้นจั่น

๕.๑) สภาพโครงสร้างหลักของปั้นจั่น

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๕.๒) สภาพรอยเชื่อมต่อ

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๕.๓) สภาพนอต สลักเกลียวยึด และหมุดย้ำ

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๖) การยึดปั้นจั่นไว้ กับ รถ เรือ แพ โป๊ะ หรือพาหนะลอยน้ำอื่นที่มั่นคง

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๗) การติดตั้งน้ำหนักถ่วง (Counterweight) ที่มั่นคง

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๘) ระบบต้นกำลัง

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๘.๑) สภาพและความพร้อมของเครื่องยนต์

๘.๑.๑) ระบบหล่อลื่น

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๘.๑.๒) ระบบเชื้อเพลิง

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๘.๑.๓) ระบบระบายความร้อน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

๔.๑.๔) การติดตั้งมั่นคงแข็งแรง

☑เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๔.๒) ระบบส่งกำลัง ระบบตัดต่อกำลัง และระบบเบรก

๔.๒.๑) สภาพของเพลา ข้อต่อเพลา เฟือง โซ่ และสายพาน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๔.๒.๒) ระบบคลัตช์

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๔.๒.๓) ระบบเบรก

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๙) ครอบปิดหรือกั้น (Guard) ส่วนที่หมุน ส่วนที่เคลื่อนไหวได้ หรือส่วนที่อาจเป็นอันตราย

☑ มี/เรียบร้อย ☐ ไม่มี/มีแต่ไม่เรียบร้อย (ระบุ).....

๑๐) ที่ครอบปิดกันฉนวนหุ้มท่อไอเสีย

☑มี/เรียบร้อย ☐ ไม่มี/มีแต่ไม่เรียบร้อย (ระบุ).....

๑๑) ระบบควบคุมการทำงานของปั้นจั่น

๑๑.๑) สภาพของแผงควบคุม

☑เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๑.๒) สภาพกลไกที่ใช้ควบคุม

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๒) ระบบไฮดรอลิก (Hydraulic) และระบบลม (Pneumatic)

๑๒.๑) สภาพของท่อน้ำมันและข้อต่อ

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๒.๒) สภาพของท่อลมและข้อต่อ

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๓) สวิตช์หยุดการทำงานของปั้นจั่นโดยอัตโนมัติ (Limit Switches)[๖]

๑๓.๑) กรณีทำงานของระยะขอชุดยก (Upper Limit Switches)

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๓.๒) มุมแขนปั้นจั่น

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๔) การทำงานของชุดควบคุมพิกัดน้ำหนักยก (Overload Limit Switches)

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕) ม้วนลวดสลิง (Rope Drum) รอก และตะขอ

๑๕.๑) สภาพม้วนลวดสลิง

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๒) มีลวดสลิงเหลืออยู่ในม้วนลวดสิงตลอดเวลาที่ปั้นจั่นทำงานอย่างน้อย ๒ รอบ

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๓) อัตราส่วนระหว่างเส้นผ่าศูนย์กลางของรอกกับเส้นผ่านศูนย์กลางของลวดสลิง เว้นแต่อัตราส่วนระหว่างเส้นผ่าศูนย์กลางของรอกหรือล้อใดๆ กับเส้นผ่าศูนย์กลางของลวดสลิงที่พันตามที่ผู้ผลิตกำหนด

๑๕.๓.๑) รอกปลายแขนปั้นจั่นไม่น้อยกว่า ๑๘ : ๑ หรืออัตราส่วน.....ที่ผู้ผลิตกำหนด

☑เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๓.๒) รอกของตะขอไม่น้อยกว่า ๑๖ : ๑ หรืออัตราส่วน.....ที่ผู้ผลิตกำหนด

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๓.๓) รอกหลังแขนปั้นจั่นไม่น้อยกว่า ๑๕ : ๑ หรืออัตราส่วน.....ที่ผู้ผลิตกำหนด

☐เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔) สภาพตะขอ

๑๕.๔.๑) สภาพม้วนลวดสลิง

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔.๒) การถ่างออกของปากตะขอ ต้องน้อยกว่าร้อยละ ๕

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔.๓) การสึกหรอที่ห้องตะขอ ต้องน้อยกว่าร้อยละ ๑๐

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔.๔) ไม่มีส่วนหนึ่งส่วนใดของตะขอแตกหรือร้าว

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔.๕) ไม่มีการเสียรูปทรงหรือสึกหรอของห่วงตะขอ

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๕.๔.๖) มีชุดล็อกป้องกันสิ่งสลิงหลุดจากตะขอ (Safety Latch)

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๖) ลวดสลิงเคลื่อนที่ (Running Ropes)

๑๖.๑) ขนาดเส้นผ่าศูนย์กลาง ๘ มม. ค่าความปลอดภัยต้องไม่น้อยกว่า ๕ (Safety Factor) เท่ากับ 5 อายุการใช้งาน.....เดือน/ปี

๑๖.๒ ในหนึ่งช่วงเกลียว (Rope Lay) เส้นลวดขาดน้อยกว่า ๓ เส้น ในเส้นเกลียวเดียวกัน (Strand) หรือน้อยกว่า ๖ เส้น ในหลายเส้นเกลียวรวมกัน

หรือตามผู้ผลิตกำหนด (ระบุ).....

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๗) ลวดสลิงยึดโยง (standing Ropes)

๑๗.๑) ขนาดเส้นผ่าศูนย์กลาง..... ค่าความปลอดภัยต้องไม่น้อยกว่า ๓.๕ (Safety Factor) เท่ากับ อายุการใช้งาน.....เดือน/ปี

๑๗.๒) เส้นลวดขาดตรงข้อต่อน้อยกว่า ๒ เส้นในหนึ่งช่วงเกลียว

หรือตามผู้ผลิตกำหนด (ระบุ).....

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๘) สภาพลวดสลิง

๑๘.๑) ลวดเส้นนอกสึกไปน้อยกว่าหนึ่งในสามของเส้นผ่าศูนย์กลางเดิม

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๘.๒) ไม่มีการขมวด ถูกกระแทก แตกเกลียว ชำรุด

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ)

๑๘.๓) เส้นผ่าศูนย์กลางเล็กลงไม่เกินร้อยละ ๕ ของเส้นผ่าศูนย์กลางที่ระบุ (Nominal Diameter)

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๘.๔) ไม่ถูกความร้อนทำลายหรือเป็นสนิมมากจนเห็นชัดเจน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๘.๕) ไม่ถูกกัดกร่อนชำรุดมากจนเห็นได้ชัดเจน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๑๙) สัญญาณเสียงและแสงไฟเตือนตลอดเวลาที่ปั้นจั่นทำงานโดยติดตั้งไว้ให้เห็นและได้ยินชัดเจน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๐) มีป้ายบอกพิกัดน้ำหนักยกไว้ที่ปั้นจั่น และรอกของตะขอ (Hook Block)

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๑) ตารางแสดงพิกัดน้ำหนักยกสิ่งของ (Load Chart) ติดไว้ในบริเวณที่ผู้บังคับปั้นจั่นเห็นได้ชัดเจน

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๒) รูปภาพหรือคู่มือการใช้สัญญาณมือในการสื่อสารระหว่างผู้ปฏิบัติงานเกี่ยวกับปั้นจั่น ติดไว้ที่จุดหรือตำแหน่งที่ลูกจ้างผู้ปฏิบัติงานเห็นชัดเจน

☑เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๓) เครื่องดับเพลิงพร้อมใช้งานได้ที่ห้องบังคับปั้นจั่น หรือตำแหน่งที่สามารถใช้งานได้สะดวก

☑เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๔) ระบบความปลอดภัย[๗]

๒๔.๑) Anti-two block devices

☐เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๔.๒) Boom backstop devices

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๔.๓) Swing radius waning devices

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๔.๔) Boom angle indicator

☐เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๔.๕) อื่นๆ (ระบุ).....

☐ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๕) ขายันพื้น (outriggers)[๘]

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๖) ระบบวัดความเสถียร (ระดับน้ำ หรือ มาตรวัดระดับความเอียง)

☑ เรียบร้อย ☐ ไม่เรียบร้อย (ระบุ).....

๒๗) อุปกรณ์หรือเครื่องมือที่ใช้ในการทดสอบ[๙]

น้ำหนักที่ใช้ทดสอบการยก (ระบุ) ลูกตุ้มเหล็ก น้ำหนัก 5.0 ตัน

เครื่องมือ ระบุ Vernier Caliper / Meter วิธีการตรวจสอบแนวเชื่อม ระบุ Visual Check

อื่นๆ ระบุ.....

๒๘) การทดสอบการรับน้ำหนักของปั้นจั่นในครั้งนี้เป็นการทดสอบในกรณี (น้ำหนักที่ใช้ในการทดสอบการยกอาจใช้การทดสอบด้วยน้ำหนักจริงหรือทดสอบด้วยน้ำหนักจำลอง (Load Simulation))

๒๘.๑) ปั้นจั่นใหม่ (หลังการติดตั้งแล้วเสร็จ ก่อนการใช้งาน) ผลการทดสอบการรับน้ำหนัก ๑ เท่าของพิกัดน้ำหนักยกสูงสุดและต่ำสุดตามตารางแสดงพิกัดน้ำหนักยก (Load Chart) แต่ต้องไม่เกินตามขนาดพิกัดน้ำหนักยกอย่างปลอดภัย (safe Working Load) ที่ผู้ผลิตกำหนด

☐ ผ่าน ☐ ไม่เรียบร้อย (ระบุ).....

๒๘.๒) ปั้นจั่นที่ใช้งานแล้ว

ผลการทดสอบการรับน้ำหนักที่ ๑ - ๑.๒๕ เท่าของน้ำหนักที่ใช้งานจริงสูงสุด[๑๐] แต่ต้องไม่เกินตามตารางแสดงพิกัดน้ำหนักยก (Load Chart) ตามที่ผู้ผลิตหรือวิศวกรกำหนด

☑ ตามวาระ 3 เดือน/ปี	☑ ผ่าน	☐ ไม่ผ่าน	
☐ หลังการติดตั้งเสร็จ (กรณีย้ายที่ตั้งใหม่)	☐ ผ่าน	☐ ไม่ผ่าน	
☐ หยุดการใช้งานตั้งแต่ ๖ เดือนขึ้นไป	☐ ผ่าน	☐ ไม่ผ่าน	
☐ หลังการซ่อมแซมที่มีผลต่อความปลอดภัย	☐ ผ่าน	☐ ไม่ผ่าน	
☐ หลังการการเปลี่ยนแปลงโครงสร้าง	☐ ผ่าน	☐ ไม่ผ่าน	

๒๙) น้ำหนักยกที่อนุญาตให้ใช้งาน (ต้องไม่เกินพิกัดตามตารางแสดงพิกัดน้ำหนักยก (Load Chart))

๒๙.๑ น้ำหนักยกที่อนุญาตให้ใช้งาน 4.05 ตัน ที่ระยะ 2.55 ม.

๒๙.๒ น้ำหนักยกที่อนุญาตให้ใช้งาน 3.4 ตัน ที่ระยะ 3.0 ม.

๒๙.๓ น้ำหนักยกที่อนุญาตให้ใช้งาน 2.9 ตัน ที่ระยะ 3.5 ม.

๒๙.๔ น้ำหนักยกที่อนุญาตให้ใช้งาน 1.25 ตัน ที่ระยะ 8.1 ม.

๓๐) กรณีมีรายการทดสอบเพิ่มเติมตามรายละเอียดคุณลักษณะและคู่มือการใช้งานที่ผู้ผลิตหรือวิศวกรกำหนด (สามารถแนบเอกสารเพิ่มเติม)

รายการเพิ่มเติมกรณีตรวจสอบ ทดสอบ หรือแก้ไข ปรับแต่ง สิ่งชำรุดบกพร่อง

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

PICTURE OF LOAD TEST

Owner :	บริษัท ยู-เซอร์วิสเซส (ประเทศไทย) จำกัด (สาขา00001)	Brand Model :	TADANO
Crane Type :	Truck Mounted Crane	Serial No. :	TM-ZT505H
Register No:	ทะเบียน 86-1007 สระบุรี	Production No. :	-
Test Location :	บจก.เอ็นเซฟ เอ็นจิเนียริ่ง ฯ	Max. Capacity :	5.05 Ton

STATIC TEST RECORD

Material For Test	Test Weight (T)	Used Main Boom (M)	Working Radius (M)	Max.on load Chart rate(T)	% Of test (%)	Height at holding Time (mm.) 0 min	10 min	15 min
Wight	5.0	4.2	2.5	5.0	100	400	400	400

DYNAMIC TEST RECORD

Item	No load	With Load
Hoisting Up-Down	OK	OK
Luffing boom Up-Down	OK	OK
Swing boom Left-Right	OK	OK
Extend Boom	OK	-
Retract Boom	OK	-

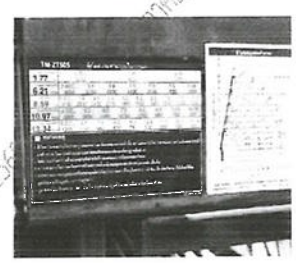
ลงชื่อ [redacted]

ได้รับใบสำคัญการขึ้นทะเบียนตามมาตรา 11 เป็นผู้ทดสอบ

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

ภาพถ่ายการตรวจทดสอบ





ลงชื่อ [redacted]

ได้รับใบสำคัญการขึ้นทะเบียนตามมาตรา 11 เป็นผู้ทดสอบ

คำชี้แจงรายการทดสอบส่วนประกอบและอุปกรณ์สำหรับปั้นจั่น(ชนิดเคลื่อนที่)

[a] วิศวกรต้องคำนวณหาขนาดพิกัดยกอย่างปลอดภัยของปั้นจั่นแต่ละชนิด

[b] วิศวกรต้องคำนวณทางวิศวกรรมพร้อมกับการทดสอบ กรณีมีการดัดแปลงส่วนที่เกี่ยวข้องกับโครงสร้างที่มีผลต่อการรับน้ำหนักหรือรับแรงปั้นจั่นขณะยก

[c] โครงสร้างหลักหมายถึง ชิ้นส่วนที่รับน้ำหนัก หรือรับแรงของปั้นจั่นขณะยก เช่น คาน เสา เพลา ล้อ รางเลื่อน แขนต่อ ข้อต่อทุกจุด สลักเกลียวยึด และแนวเชื่อม เป็นต้น

[d] ต้องมีเอกสารการรับรองการติดตั้งปั้นจั่นบนรถ เรือ แท่น โป๊ะหรือพาหนะลอยน้ำอย่างอื่น โดยผู้ได้รับใบอนุญาตประกอบวิชาชีพวิศวกรรมควบคุมตามพระราชบัญญัติวิศวกร พ.ศ.๒๕๔๒

[e] ให้มีการทดสอบความแม่นยำที่เกี่ยวข้องกับสิ่งต่อไปนี้ ทิศทาง ระยะ ความเร็ว วัดมุ มุมยก

[f] Limit Switch ที่ใช้ทำการยกที่สูงสุด-ต่ำสุด,ชุดเลื่อนซ้ายสุด-ขวาสุด,ชุดเลื่อนหน้าสุด-หลังสุด, มุมกวาดซ้ายสุด-ขวาสุด

[g] ระบบความปลอดภัย

Anti-two block devices หมายถึง อุปกรณ์ป้องกันการใช้ด้วยกพร้อมกัน

Boom backstop devices หมายถึง อุปกรณ์ป้องกันแขนยกทำมุมชันเกินพิกัด

Swing radius warning devices หมายถึง อุปกรณ์เตือนการใช้มุมกวาดของแขนยกเกินพิกัด

Boom Angle indicator หมายถึง อุปกรณ์แสดงมุมของแขนยก

[h] Outriggers หมายความรวมถึง แขนหรือขายึดทั้งชนิดรูปตัว H และ A ขายัน สลักยึด แผ่นรอง และระบบไฮดรอลิค

[i] น้ำหนักที่ใช้ทดสอบการยกอาจใช้การทดสอบด้วยน้ำหนักจริง หรือทดสอบด้วยน้ำหนักจำลอง เช่น Load Cell หรือ Dynamometer เป็นต้น

เครื่องมือที่ใช้วัดขนาดและเส้นผ่านศูนย์กลางของพิกัดสลิง สลักเกลียว ตะขอและอื่นๆ เช่น เวอร์เนียร์ คาลิปเปอร์ หรือเครื่องมืออื่นที่มีความละเอียดในการวัดไม่น้อยกว่า ๐.๑ มิลลิเมตร

การตรวจสอบแนวเชื่อมโดยใช้อุปกรณ์ที่มีรูปแบบวิธีการผู้ทดสอบ เช่น การตรวจสอบด้วยสายตา การใช้สารแทรกซึมผงแม่เหล็ก (Magnetic Particle Inspection) คลื่นเสียง รังสี เป็นต้น ตามสภาพและความจำเป็นของชิ้นงานอื่นๆ ให้วิศวกรผู้ทดสอบระบุอุปกรณ์หรือเครื่องมือที่ใช้ในการทดสอบนอกเหนือจากที่กล่าวมาแล้ว

[j] กรณีปั้นจั่นที่ใช้งานยังไม่ทดสอบการรับน้ำหนักที่ ๑.๒๕ เท่าของน้ำหนักที่ใช้งานจริงสูงสุดโดยไม่เกินพิกัด ยกอย่างปลอดภัยที่ผู้ผลิตออกแบบไว้ เช่น

ตัวอย่างที่ ๑ ปั้นจั่นที่ผู้ผลิตออกแบบไว้ ๑๐ ตัน ใช้งานจริงสูงสุด ๖ ตัน จะต้องทดสอบที่ ๖ X ๑.๒๕ จะเท่ากับ ๗.๕ ตัน ดังนั้น ต้องทดสอบการรับน้ำหนักที่ ๗.๕ ตัน

ตัวอย่างที่ ๒ ปั้นจั่นที่ผู้ผลิตออกแบบไว้ ๑๐ ตัน ใช้งานจริงสูงสุด ๙ ตัน จะต้องทดสอบที่ ๙ X ๑.๒๕ จะเท่ากับ ๑๑.๒๕ ตัน แต่เนื่องจากเกินกว่าน้ำหนักที่ผู้ผลิตออกแบบไว้ ดังนั้น ต้องทดสอบการรับน้ำหนักที่ ๑๐ ตัน

เรียบร้อย หมายถึง มี ถูกต้อง ครบถ้วน ใช้การได้จริง

ไม่เรียบร้อย หมายถึง ไม่มี ไม่ถูกต้อง ไม่ครบถ้วน ใช้การไม่ได้ หรือมีสภาพไม่พร้อมใช้งาน

หมายเหตุ วิศวกรผู้ลงนามจะต้องกรอกข้อมูล ให้รายละเอียดไว้ในแบบให้เรียบร้อยและครบถ้วนที่สุด ด้วยความถูกต้องเที่ยงตรง โดยความรับผิดชอบในความปลอดภัยของส่วนรวมตามจรรยาบรรณและมารยาทอันดีในการประกอบ

วิชาชีพวิศวกรรม

ข้าพเจ้าขอรับรองว่าในการตรวจสอบและทดสอบความปลอดภัยในการใช้ปั้นจั่นครั้งนี้ วิศวกรได้ดำเนินการตรวจสอบและทดสอบปั้นจั่นตามรายละเอียดคุณลักษณะและคู่มือการใช้งานที่ผู้ผลิตหรือวิศวกรกำหนดและนายจ้างได้ดำเนินการซ่อมแซม แก้ไข และปรับปรุง กรณีพบข้อบกพร่องให้เป็นไปตามมาตรฐานที่กำหนดตามหลักวิชาการทางวิศวกรรมและตามรายละเอียดคุณลักษณะและคู่มือที่ผู้ผลิตกำหนดหรือวิศวกรกำหนดเป็นที่เรียบร้อยสมบูรณ์แล้ว จึงลงลายมือชื่อร่วมกันไว้เป็นหลักฐานสำคัญ ดังนี้

ตามข้อ ๔ (๑) ลงชื่อ ..... วันที่ .....

(.....)

วิศวกรซึ่งได้รับใบสำคัญการขึ้นทะเบียนตามมาตรา ๙ เป็นผู้ทดสอบ

ตามข้อ ๔ (๒) ลงชื่อ [redacted] วันที่ 23 เมษายน 2568

(.....)

นิติบุคคลซึ่งได้รับใบ[redacted]หรือผู้กระทำการแทน

และชื่อ [redacted] วันที่ 23 เมษายน 2568

(.....)

บุคล[redacted]วกร

และได้รับใบ[redacted]ม เป็นผู้ทดสอบ

ประทับ

นิติบุคคล

(ถ้ามี)

และชื่อ [redacted] วันที่ .....

(.....)

นายจ้างของสถานประกอบกิจการ/ผู้กระทำการแทน

หมายเหตุ การรับรองตามแบบการทดสอบปั้นจั่นนี้ เป็นการลงลายมือชื่อสำหรับการตรวจสอบและทดสอบของวิศวกรเท่านั้น แต่ไม่ได้เป็นการตรวจรับรองงานตามกฎหมายว่าด้วยวิศวกร

รับรองเอกสาร ปจ.2 วันที่ 23 เมษายน 2568 ถึง วันที่ 22 กรกฎาคม 2568 เท่านั้น (08)

ภาคผนวก ข.1-2

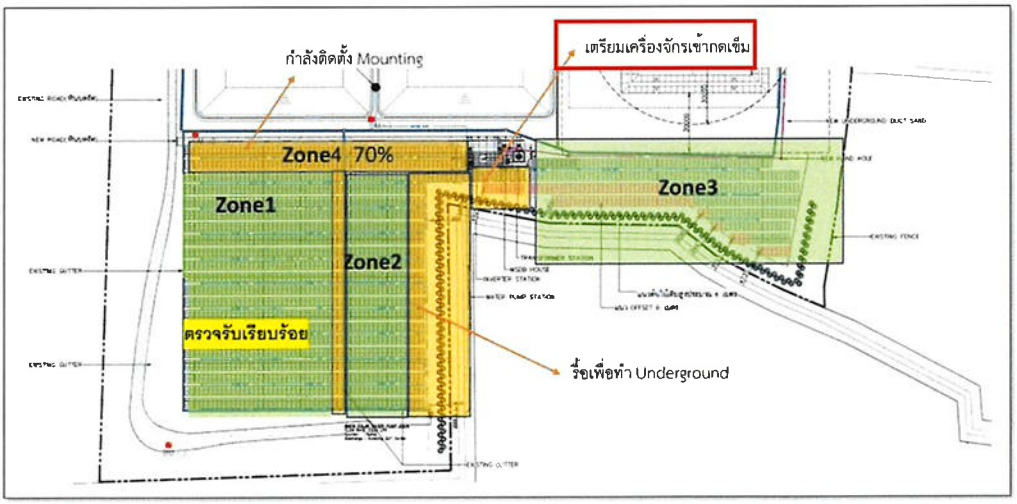
เอกสารการแจ้งแผนการก่อสร้างที่อาจก่อให้เกิดเสียงดัง

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม
โรงไฟฟ้าอุทัย

28 มีนาคม 2568

Solar Farm

แจ้งแผนการก่อสร้างที่อาจก่อให้เกิดเสียงดัง ประมานวันที่ 28 มีนาคม – 11 เมษายน 2568 ทางโรงไฟฟ้าจะวางแผนการตอกเสาเข็ม จำนวน 28 ต้น บริเวณพื้นที่ที่เหลือตามรูปด้านล่าง โดยจะกำหนดให้ทำงานระหว่าง 08.00 – 17.00 น. เพื่อไม่ให้รบกวนชุมชนรอบโรงไฟฟ้า



ใบลงทะเบียนการประชุมผู้ตรวจการโรงไฟฟ้าอุทัย ครั้งที่ 1/2568
วันศุกร์ที่ 28 มีนาคม พ.ศ 2568 เวลา 13.30 - 15.00 น.
ณ ห้องประชุมอาคารธุรการโรงไฟฟ้าอุทัย

ลำดับที่	ชื่อ - นามสกุล	ตำแหน่ง	ลายมือชื่อ	เบอร์โทรศัพท์
1	[redacted]	ประธานผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย	[redacted]	
2		รองประธานผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
3		ผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
4		ผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
5		ผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
6		ผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
7		ผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
8		เลขานุการผู้ตรวจการสิ่งแวดล้อม โรงไฟฟ้าอุทัย		
9		ผู้จัดการงานบริหารงานกลางโรงไฟฟ้า		
10		หัวหน้างานความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม		
11		เจ้าหน้าที่ด้านความปลอดภัยและสิ่งแวดล้อมอาชีวอนามัย		
12		เจ้าหน้าที่งานบริหารงานกลางโรงไฟฟ้า		


[redacted]


[redacted]

ภาคผนวก ข.1-3

เอกสารการขออนุญาตทำงานที่อาจก่อให้เกิดเสียงดัง

GULF

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date / Time: 23 Mar 25	Work order No.:	Work Permit No.: 1102-0323-T-07	
Location: Solar farm	Functional Location:	Functional Location Description:	
Requested by: Thanet			
Shift Leader reviews attached Job Safety Analysis (JSA)	☐ In e-file no.	☑ A Copy of Job Safety Analysis (JSA)	
Lock-out/Tag-Out :	☐ LOTO Required	☐ LOTO Not required	

Hazardous Work involved / Are other permits required? Mark each box as applicable

☐ Chemical Work Permit	☐ Working at Heights over 1.8 m.
☐ Confined Space Entry Permit	☐ Mechanical Work Permit
☑ Hot Work Permit	☐ Radiation Work Permit
☐ Electrical Work Permit (> 380 VAC หรือ 125 VDC)	☐ Slings, Rigging and Cranes Permit
☐ Excavation Work Permit	☐ Other Work

Nature of Work: Install Solar Farm

Hazards: Refer from SJA

Stored Energy Source(s): N/A

Prepared by: (Work Supervisor)	[redacted]	Date:	23/3/25	Time:	9:00
Reviewed by: (Contractor)		Date:		Time:	
Reviewed by: (Operation Engineer)		Date:	2	Time:	08:50
Authorized by: (Shift Leader)		Date:	2	Time:	08:35

WORK PERMIT EXTENSION RECORD (shift by shift):

Date	Extension Request Description	Extended Work Open: Work Supervisor	Operation Eng.	Shift Leader	Time	Extended Work Close: Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									
25/3/25	Extended Work	[redacted]							
26/3/25	Extend Work								
27/3/25	Extend Work								
28/3/25	Extend Work								

WORK CLOSURE AND TAG-OUT RELEASE

I have checked the equipment and concluded that:

Verified and reported by: (Work Supervisor)		Date:		Time:	Work Completed
Tag-Out Release Authorized by: (Shift Leader)		Date:		Time:	
Checked by: (Operation Engineer)		Date:		Time:	
Work Permit Closed by: (Shift Leader)		Date:		Time:	☐ Yes ☐ No

ESMS-Sa P-01 Permit to Work System

Attachment 1 Work Permit Form_Rev02

GULF

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date / Time: 31 Mar 25	Work order No.:	Work Permit No.: 1102-0323-T-07	
Location: Solar farm	Functional Location:	Functional Location Description:	
Requested by: Thanet			
Shift Leader reviews attached Job Safety Analysis (JSA)	☐ In e-file no.	☑ A Copy of Job Safety Analysis (JSA)	
Lock-out/Tag-Out :	☐ LOTO Required	☐ LOTO Not required	

Hazardous Work involved / Are other permits required? Mark each box as applicable

☐ Chemical Work Permit	☑ Working at Heights over 1.8 m.
☐ Confined Space Entry Permit	☐ Mechanical Work Permit
☑ Hot Work Permit	☐ Radiation Work Permit
☐ Electrical Work Permit (> 380 VAC หรือ 125 VDC)	☐ Slings, Rigging and Cranes Permit
☑ Excavation Work Permit	☐ Other Work

Nature of Work: Install Solar Farm

Hazards: Refer from SJA

Stored Energy Source(s): N/A

Prepared by: (Work Supervisor)	[redacted]	Date:	1/13/25	Time:	9:00
Reviewed by: (Contractor)		Date:	3/3/25	Time:	9:00
Reviewed by: (Operation Engineer)		Date:	31/3/25	Time:	9:15
Authorized by: (Shift Leader)		Date:	31/3/25	Time:	09:15

WORK PERMIT EXTENSION RECORD (shift by shift):

Date	Extension Request Description	Extended Work Open: Work Supervisor	Operation Eng.	Shift Leader	Time	Extended Work Close: Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									
1/4/25	Extend Work	[redacted]							
2/4/25	Extend Work								
3/4/25	Extended Work								
4/4/25	Extend Work								

WORK CLOSURE AND TAG-OUT RELEASE

I have checked the equipment and concluded that:

Verified and reported by: (Work Supervisor)		Date:		Time:	Work Completed
Tag-Out Release Authorized by: (Shift Leader)		Date:		Time:	
Checked by: (Operation Engineer)		Date:		Time:	
Work Permit Closed by: (Shift Leader)		Date:		Time:	☐ Yes ☐ No

ESMS-Sa P-01 Permit to Work System

Attachment 1 Work Permit Form_Rev02



www.cs-craneinspectandtraining.com

แบบรับรองเครื่องจักรและอุปกรณ์ที่ใช้ในการทำงานก่อสร้าง

ข้อมูลของผู้ครอบครองเครื่องจักรและอุปกรณ์ที่ใช้ในการทำงานก่อสร้างผู้ครอบครองนิติบุคคล

เจ้าของ/บจก.ทีทีเอส คอนกรีต เจ้าของ/ผู้กระทำแทนที่อยู่เลขที่ 55/89 ม.3 ตรอก/ซอย - ถนน — ตำบล/แขวง ท่าไข่
อำเภอ/เขต บางบัวทอง จังหวัด นนทบุรี โทรศัพท์ —

ใช้งานอยู่ที่/เก็บรักษาอยู่ที่ ใช้เก็บเครื่องจักร/บจก.ทีทีเอส คอนกรีต เจ้าของผู้ประทำแทนที่อยู่เลขที่ 55/89 ม.3 ตรอก/ซอย -
ถนน ---- ตำบล/แขวง ท่าโพ อำเภอ/เขต บางบัวทอง จังหวัด นนทบุรี โทรศัพท์ ----

ข้อมูลของเครื่องจักรและอุปกรณ์ที่ใช้ในการทำงานก่อสร้าง

เครื่องจักรและอุปกรณ์นี้มีชื่อเรียกขันเป็นที่ เข้าใจว่า เครื่องตอกเสาเข็มสั่นสะเทือน ○ เครื่องจักรและอุปกรณ์ที่ใช้ในการทำงาน
ก่อสร้างชนิดและประเภท เครื่องตอกเสาเครื่องยนต์ ยี่ห้อ — 4.2T-16M เครื่องให้กำเนิดพลังงาน หมายเลข —
หมายเลขทะเบียน — สร้างโดย — ประเทศ THAILAND ตามมาตรฐาน(ถ้ามี)

☑ มีคู่มือการใช้งาน หรือรายละเอียดคุณลักษณะของเครื่องจักรและอุปกรณ์ซึ่งผู้ผลิตได้กำหนดขึ้น

○ มีคู่มือการใช้งาน ซึ่งวิศวกรเป็นผู้กำหนดขึ้นตามหลักวิชา

ผู้นำเข้าผู้จำหน่าย(ถ้ามี) ที่อยู่

☑ เครื่องจักรและอุปกรณ์นี้ได้รับการตรวจสอบ และบำรุงรักษาส่วนประกอบและอุปกรณ์ตามคู่มือการใช้งานอย่างสม่ำเสมอ

(ลงชื่อ) [redacted] 6 มี.ค.68 (ลงชื่อ) [redacted]
( ) CS INSPECTED CO.,LTD. ( )
วิศวกรผู้ทดสอบ นายจ้าง/ผู้กระทำแทน

4.2T-16M/ทีทีเอส/ตอก/5 มี.ค.68

309 ถ.บรมราชชนนี แขวงอิมพิลิงชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953



www.cs-craneinspectandtraining.com

ข้อมูลการดำเนินการ

ข้าพเจ้า นาย[redacted]
ถนน**บรมราชชนนี** ตำบล/แขวง **อิมพลี** อำเภอ/เขต **ตลิ่งชัน** จังหวัด **กรุงเทพมหานคร** โทรศัพท์ 089-444-2199, 081-859-2824
สถานที่ทำงาน **บริษัท ซีเอสอินสเปค จำกัด** เลขที่ 137 ตรอก/ซอย **บรมราชชนนี 60** ถนน**บรมราชชนนี** ตำบล/แขวง **อิมพลี** อำเภอ/เขต **ตลิ่งชัน** จังหวัด **กรุงเทพมหานคร** โทรศัพท์ 089-444-2199, 081-859-2824
ได้รับใบอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม สาขาเครื่องกล ตามพระราชบัญญัติวิศวกร พ.ศ. ๒๕๔๒ และมีใบอนุญาตระหว่างถูกสั่งพักใช้ใบอนุญาตหรือถูกเพิกถอนใบอนุญาต
ระดับ **สามัญวิศวกร** เลขทะเบียน **สก 3477** วันที่หมดอายุ 9 ก.พ.2571

เครื่องจักร และอุปกรณ์นี้ได้มีการตรวจสอบ และบำรุงรักษาส่วนประกอบและอุปกรณ์ตามคู่มือการใช้งานของผู้ผลิต อย่างสม่ำเสมอ ตามระยะเวลา ดังรายการที่ระบุไว้ในเอกสารฉบับท้าย และได้มีการดำเนินการแก้ไขสภาพบกพร่อง ลักหรอ หรือชำรุดเสียหาย ก่อให้เกิดอันตรายจากการใช้งานให้สามารถใช้งานเครื่องจักรและอุปกรณ์ต่อไปได้ดีและปลอดภัย เครื่องจักรและอุปกรณ์ได้ถูกตรวจสอบ หรือรับรองว่าเครื่องจักรและอุปกรณ์ดังกล่าวสามารถใช้งาน ต่อไปได้ดีและปลอดภัยตามกฎหมายอื่น ดังเอกสารรายการที่ระบุไว้ท้ายนี้

ขอรับรองว่าเครื่องจักร และอุปกรณ์ที่ใช้ในการทำงานก่อสร้าง ได้มีการตรวจสอบ และบำรุงรักษาส่วนประกอบ และอุปกรณ์ครบถ้วนสมบูรณ์แล้ว เป็นไปตามข้อ ๙ แห่งกฎกระทรวงกำหนดมาตรฐานในการควบคุมการทำงานและการจัดการ ด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับงานก่อสร้าง พ.ศ. ๒๕๕๖ ได้มีการตรวจสอบ กำหนดการตรวจรับของครั้งต่อไปในวันที่ 5 มิถุนายน 2568

4.2T-16M/ทีทีเอส/ตอก/5 มี.ค.68

(ลงชื่อ) [redacted] 6 มี.ค.68 (ลงชื่อ) [redacted]
( ) CS INSPECTED CO.,LTD. ( )
วิศวกรผู้ทดสอบ นายจ้าง/ผู้กระทำแทน

309 ถ.บรมราชชนนี แขวงอิมพิลิงชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953



www.cs-craneinspectandtraining.com

โดย เครื่องตอกเสาฯเครื่องยนต์... ------- รุ่น.....4.2T-16M ใช้เครื่องยนต์ดันกำเนิดพลังงาน

เจ้าของ / ผู้จัดการ บจก.ทีทีเอส คอนกรีต เจ้าของ/ผู้ระทำแทนที่อยู่เลขที่ 55/69 ม.3 ตรอก/ซอย - ถนน ---- ตำบล/แขวง ตำไพ อำเภอ/เขต บางบัวทอง จังหวัด นนทบุรี

ผู้บังคับเครื่องจักร ไม่ระบุ

ชื่อของส่วนประกอบตัวรถ และตำแหน่ง

1.โครงสร้างเครื่องตอกเสา	✓ ดี	○ แก้ไข
2.รางเลื่อนสำหรับตุ้มน้ำหนัก	✓ ดี	○ แก้ไข
3.ลลิง (ยกตุ้ม) ขนาด 25 มม.	✓ ดี	○ แก้ไข
4.กว้าน	✓ ดี	○ แก้ไข
5.ตุ้มตอกเสา นน. 4.2 ตัน	✓ ดี	○ แก้ไข
6.กระโดงลูง 16 เมตร	✓ ดี	○ แก้ไข
7.แท่นยึดเครื่องยนต์.	✓ ดี	○ แก้ไข
8.การ์ดป้องกันชิ้นส่วนเคลื่อนไหว	✓ ดี	○ แก้ไข
9.คันโยกขับเคลื่อน	✓ ดี	○ แก้ไข
10.รอก (พูเลย์)	✓ ดี	○ แก้ไข
11.เหล็กน้ำหนักถ่วง-เครื่องยนต์	✓ ดี	○ แก้ไข
12.สลักล็อคตุ้ม	✓ ดี	○ แก้ไข



รีอุปกรณ์ควบคุม และตำแหน่ง

1.คันโยก	✓ ดี	○ แก้ไข
2.คันโยกสำหรับยกขึ้นลงตุ้ม	✓ ดี	○ แก้ไข
3.คันโยกสำหรับเขี่ยหรือกระดก	○ ดี	○ แก้ไข
4.คันเบรกมือ	✓ ดี	○ แก้ไข
5.สวิตช์ไฟแสงสว่าง	○ ดี	○ แก้ไข

วันที่ตรวจสอบ 6 มีนาคม 2568

ควรตรวจสอบตามรายการที่วิศวกรระบุ สำหรับการทำงานที่ต่อเนื่องทุก ๆ 3 เดือน

[redacted]

วิศวกรผู้ตรวจสอบ

309 อ.บรมราชชนนี เขางิ้มพลี เขตตลิ่งชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953

4.2T-16M/หมดอายุ 5 มี.ค 68



www.cs-craneinspectandtraining.com

6.สวิตช์กุญแจสำหรับปิด-เปิด	✓ ดี	○ แก้ไข
7.คันโยกสำหรับดึงกว้าน	✓ ดี	○ แก้ไข
8.คันโยกสำหรับบังคับระดับความเร็ว	✓ ดี	○ แก้ไข
9.พวงมาลัยขับเคลื่อน	✓ ดี	○ แก้ไข
10.สวิตช์กดแตรขอทางหรือระวังอันตราย	○ ดี	○ แก้ไข
11.คันเร่ง	✓ ดี	○ แก้ไข
12.สายพาน	✓ ดี	○ แก้ไข
13.คลัทช์-ทอร์ค	✓ ดี	○ แก้ไข
14.หน้าจอแสดงอุณภูมิ	○ ดี	○ แก้ไข
15.หน้าจอแสดงระดับน้ำมัน	○ ดี	○ แก้ไข
16.หน้าจอแสดงระยะทางในการใช้งาน	○ ดี	○ แก้ไข
17.ฝาเปิด-ปิดถังน้ำมัน	✓ ดี	○ แก้ไข

การตรวจสอบสภาพของเครื่องจักร

1.ตรวจเช็คเครื่องยนต์ (ดีเซล)

1.1 ระบบหล่อลื่น : กรองน้ำมันเครื่อง,ระดับน้ำมันเครื่อง ✓ เรียบร้อย ○ แก้ไข

1.2 ระบบเชื้อเพลิง : กรองเชื้อเพลิง,สายน้ำมัน,บัมพ์น้ำมัน,หัวฉีด,รอยรั่ว ✓ เรียบร้อย ○ แก้ไข

1.3 ระบบจุดระเบิด : หัวเทียน,หัวเผา, เรียบร้อย ✓ แก้ไข ○

1.4 ระบบหล่อเย็น : หม้อน้ำ,พัดลม,สายพาน,บัมพ์น้ำ,ระดับน้ำ,รอยรั่ว ✓ เรียบร้อย ○ แก้ไข

1.5 ทรานมิสชั่น : เฟืองเกียร์,ดิฟเฟนเชียล,ชุดคลัทช์หรือทอล์คคอนเวอร์เตอร์ ✓ เรียบร้อย ○ แก้ไข



[redacted]

วิศวกรผู้ตรวจสอบ

309 อ.บรมราชชนนี เขางิ้มพลี เขตตลิ่งชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953

4.2T-16M/หมดอายุ 5 มี.ค 68



www.cs-craneinspectandtraining.com

2.ตรวจเช็คระบบไฟฟ้า

2.1 แบตเตอรี่ : ระดับน้ำกลั่น,รอยรั่ว,ความเสียหาย,ระดับพลังงาน ✓ เรียบร้อย แก้ไข

2.2 ระบบส่องสว่างและไฟสัญญาณ : ประสิทธิภาพการทำงาน,ความเสียหาย ○ เรียบร้อย แก้ไข

2.3 สวิตช์ แตร และสัญญาณถอย : ประสิทธิภาพการทำงาน,ความเสียหาย ○ เรียบร้อย แก้ไข

3.ตรวจเช็คระบบน้ำมันเชื้อเพลิง

3.1 ถังน้ำมัน : รอยรั่ว,ระดับและความสะอาดของน้ำมัน ✓ เรียบร้อย แก้ไข

3.2 ปั๊มไฮดรอลิก : ประสิทธิภาพการทำงาน,เสียง,รอยรั่ว ○ เรียบร้อย แก้ไข

3.3 คอนโทรลวาล์ว ข้อต่อ และสายน้ำมัน : รอยรั่ว,ความเสียหาย ✓ เรียบร้อย แก้ไข

3.4 กระบอกยก : การทำงาน,รอยรั่ว,ความเสียหาย ✓ เรียบร้อย แก้ไข

4.ตรวจเช็คตัวถังและพวงมาลัย

4.1 หลังคา ตัวถัง ที่นั่ง : ความเสียหาย บุบ คดงอ ฉีกขาด ✓ เรียบร้อย แก้ไข

4.2 ระบบเบรก(กว้าน) : ระดับน้ำมันเบรก ประสิทธิภาพของเบรกมือและเบรกเท้า ✓ เรียบร้อย แก้ไข

4.3 กลไกบังคับเลี้ยว : ระยะฟรีพวงมาลัย ประสิทธิภาพการเลี้ยว ระบบอัดพาวเวอร์ ✓ เรียบร้อย แก้ไข

5. ตรวจเช็คTRACKและดิฟเฟอเรนเชียล

5.1 ดิฟเฟอเรนเชียล : ระดับน้ำมันเกียร์,เสียง,ความร้อนผิดปกติขณะใช้งาน ✓ เรียบร้อย แก้ไข

5.2 TRACK : ขนาด ความตึง ✓ เรียบร้อย แก้ไข



[redacted]

วิศวกรผู้ตรวจสอบ

309 อ.บรมราชชนนี เขางิ้มพลี เขตตลิ่งชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953

4.2T-16M/หมดอายุ 5 มี.ค 68



www.cs-craneinspectandtraining.com

บริษัท ซีเอสอินสเปค จำกัด

ขอมอบบัตรนี้ไว้เพื่อแสดงว่า [redacted]

ได้ผ่านการอบรมการปฏิบัติหน้าที่ที่เกี่ยวข้องกับการใช้งานเครื่องจักรกลประเภทรถเครนและอุปกรณ์ยกที่มีน้ำหนักยก 4 เมตริกตัน และการปฏิบัติงานเกี่ยวข้องกับการใช้งานเครื่องจักรกลประเภทรถเครนและอุปกรณ์ยกที่มีน้ำหนักยก 4 เมตริกตัน ระยะเวลา 12 ชั่วโมง)

ให้ไว้ ณ วันที่ 6 มีนาคม พ.ศ. 2568

[redacted] กรรมการผู้จัดการ

CS INSPECTED CO.,LTD.

309 อ.บรมราชชนนี เขางิ้มพลี เขตตลิ่งชัน กรุงเทพมหานคร 10170
Tel :098-976-6155 Mobile : 081-859-2824, 089-444-2199
309 Baromrajchonnee Rd. Chimplee Talingchan Bangkok 10170 Fax : 02-165-0953

4.2T-16M/หมดอายุ 5 มี.ค 68

ภาคผนวก ข.1-4

เอกสารการตรวจสอบประสิทธิภาพรางระบายน้ำ

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...กุมภาพันธ์....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน i/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...มกราคม....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน i/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...เมษายน....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน l/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...มีนาคม....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน l/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...มิถุนายน....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน il/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

การตรวจสอบสภาพและทำความสะอาดรางระบายน้ำและท่อระบายน้ำ

Cleaning Drainage Gutters Checklist

ประจำเดือน/Month...พฤษภาคม....ปี/Year...2568.....

ลำดับ No.	พื้นที่ Area	รายการตรวจ/Check List									
		ไม่มีขยะ(Garbage)		ไม่มีการอุดตัน (Obstruct)		สภาพการไหล(Flow Conditions)		ไม่มีการปนเปื้อน il/Chemical Contaminati		คันรางระบายน้ำ (Drainage Berm)	
		OK	NO	OK	NO	OK	NO	OK	NO	OK	NO
1	รางระบายน้ำด้านทิศเหนือ	/		/		/		/		/	
2	รางระบายน้ำด้านทิศใต้	/		/		/		/		/	
3	รางระบายน้ำด้านทิศตะวันออก	/		/		/		/		/	
4	รางระบายน้ำด้านทิศตะวันตก	/		/		/		/		/	
5	รางระบายน้ำด้านกลาง	/		/		/		/		/	

ตรวจสอบโดย/Checked by

[redacted]

อนุมัติโดย/Approved by

[redacted]

ภาคผนวก ข.1-5

เอกสารการกำจัดขยะมูลฝอย

GULF

SAFETY REPORT

GULF

SH&E WEEKLY SOLAR PROJECT

Project: Gulf JP UT (1) | 4 มิ.ย. 2025 - 10 มิ.ย. 2(

WASTE RECORD

Project	Disposal Waste (Kg.)	Recycle Waste (Kg.)	Hazardous Waste (Kg.)	Total
Gulf JP UT	10	0	0	10

SAFETY REPORT

GULF

SH&E WEEKLY SOLAR PROJECT

Project: Gulf JP UT (1) | 21 พ.ค. 2025 - 27 พ.ค.

WASTE RECORD

Project	Disposal Waste (Kg.)	Recycle Waste (Kg.)	Hazardous Waste (Kg.)	Total
Gulf JP UT	15	0	0	15

SAFETY REPORT

GULF

SH&E WEEKLY SOLAR PROJECT

Project: Gulf JP UT (1) | 30 เม.ย. 2025 - 6 พ.ค. 2

WASTE RECORD

Project	Disposal Waste (Kg.)	Recycle Waste (Kg.)	Hazardous Waste (Kg.)	Total
Gulf JP UT	6	0	0	6

SAFETY REPORT

GULF

SH&E WEEKLY SOLAR PROJECT

Project: Gulf JP UT (1) | 16 เม.ย. 2025 - 22 เม.ย.

WASTE RECORD

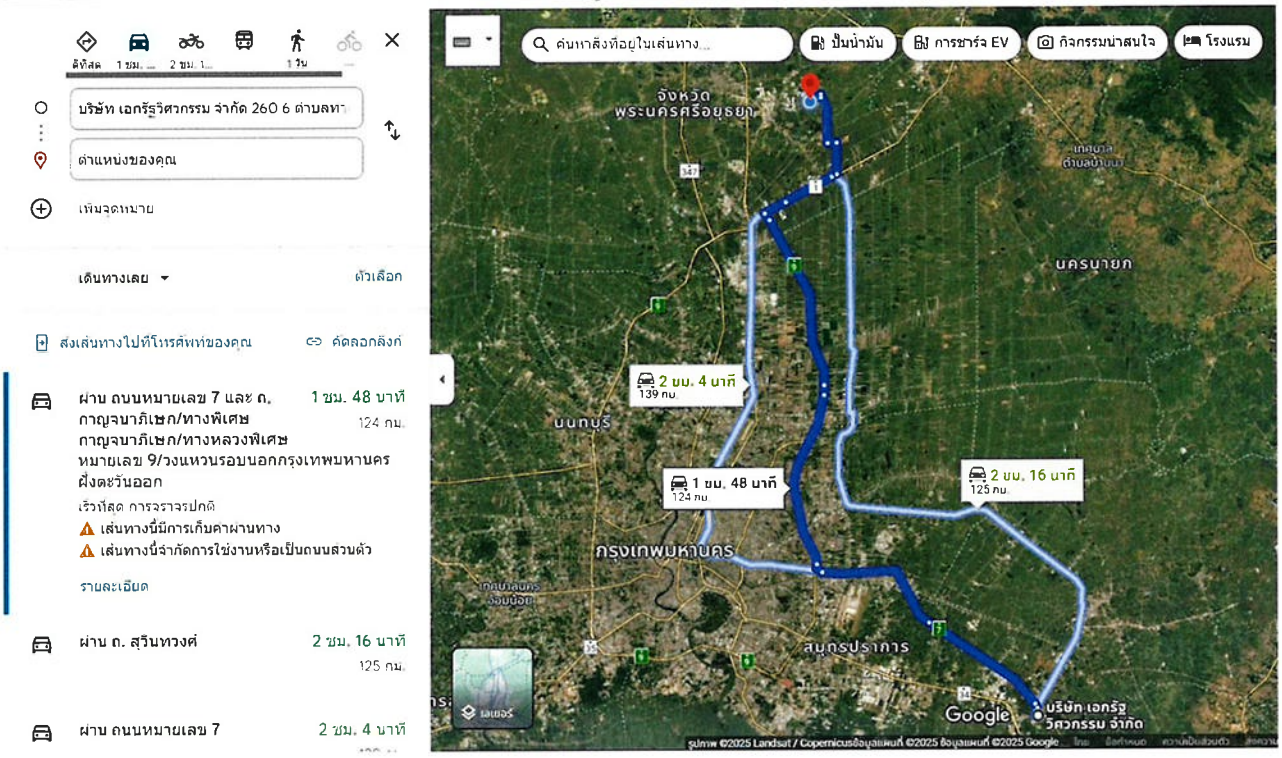
Project	Disposal Waste (Kg.)	Recycle Waste (Kg.)	Hazardous Waste (Kg.)	Total
Gulf JP UT	3	0	0	3

ขยะมูลฝอยส่งกำจัดพร้อมกับมูลฝอยของโรงไฟฟ้า กำจัดโดยอบต.บ้านช้าง

ภาคผนวก ข.1-6

เอกสารแจ้งหลีกเลี่ยงการขนส่งวัสดุอุปกรณ์ก่อสร้าง ในช่วงเวลาเร่งด่วน

เส้นทางการเดินทางจัดส่ง หม้อแปลงไฟฟ้าจาก บริษัท เอกรัฐวิศวกรรม จำกัด มายังโรงไฟฟ้าอุทัย





ทำการแจ้งกับทางผู้รับเหมากรณีที่มีการขนวัสดุ ให้หลีกเลี่ยงช่วงเวลาเช้าและเย็นที่ตรงกับเวลาทำงาน และให้ใช้เส้นทางเลี่ยงที่ไม่เข้าเขตชุมชน/เมือง

ภาคผนวก ข.1-7

เอกสารการอบรมและควบคุมพนักงานขับรถให้ปฏิบัติตามกฎจราจร

GULF

Safety Induction

By Gulf SHE

1

วิดีโอ วัฒนธรรมความปลอดภัย ของกลุ่มบริษัทกัลฟ์ (Gulf EHS Culture)

2

สถานที่ในโรงไฟฟ้า และพื้นที่ควบคุม (Site layout and Restricted areas)

GULF

- พื้นที่ lay out ภายในโรงไฟฟ้า
- พื้นที่ควบคุม
  - พื้นที่หวงห้าม(ต้องได้รับอนุญาตก่อนเข้าทำงาน) เช่น W/H, Workshop
  - พื้นที่เสี่ยงอันตราย เช่น Gas Skid, Gas monitoring
- เส้นทางการจราจร
- เส้นทางอพยพหนีไฟ
- จุดรวมพล
- จุดสูบบุหรี่





3

สถานที่ในโรงไฟฟ้าอุทัย GUT

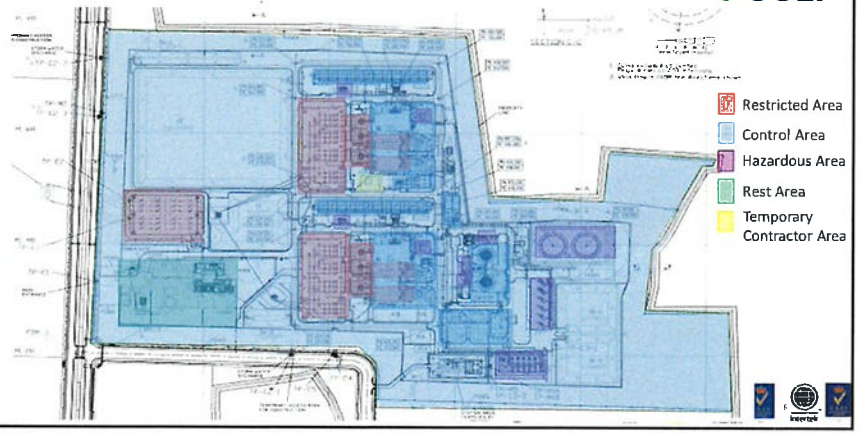
4

Lay out Plant



5

Area Classification Lay Out of GUT



6

เส้นทางอพยพและจุดรวมพลของโรงไฟฟ้า



7

Table of Content

- เงื่อนไขและกฎระเบียบการเข้าปฏิบัติงานในโรงไฟฟ้าสำหรับผู้รับเหมา
- กฎหมายความปลอดภัยในการทำงานในโรงไฟฟ้าที่เกี่ยวข้อง
- กฎระเบียบการจราจรภายในโรงไฟฟ้า
- การสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE)และป้ายเตือนต่างๆ
- ความปลอดภัยในการทำงานของผู้รับเหมา (ตามลักษณะงาน)
- ระบบการขออนุญาตทำงาน (Permit to Work)
- การปฏิบัติตามขั้นตอนการควบคุมเหตุฉุกเฉิน
- การนำวัสดุ/อุปกรณ์/เครื่องมือ เข้า-ออกจากโรงไฟฟ้า



8

ESMS Policy- Environment Safety Policy

9

ESMS Policy- Environment Safety Policy

GULF



GULF JP



10

กฎระเบียบความปลอดภัยทั่วไป (Safety rule)

11

กฎระเบียบความปลอดภัยทั่วไป (Safety rule)

GULF

- ต้องผ่านการอบรมด้านความปลอดภัยจากเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้า
- กรณีผ่านการอบรมความปลอดภัยแล้ว และอยู่ในระหว่างรอรับบัตรใหม่ จะอนุญาตให้เข้างานได้ โดยต้องแลกบัตร Contractor ที่ประตู Main Gate
- แสดงบัตร เข้า-ออก ทุกครั้ง ที่ผ่านประตูหน้าโรงไฟฟ้า (Main Gate)
- แต่งกายสุภาพ รัดกุม โดยถือหลักความปลอดภัย
- ห้ามนำอาวุธ วัตถุระเบิดเข้ามาในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามบุคคลที่ดื่มสุรา หรือนำสุรามาดื่ม / ห้ามใช้สาร ยาเสพติด / ห้ามเล่นการพนันในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามนำเด็กที่อายุต่ำกว่า 18 ปี เข้ามาทำงานในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามเข้าเขตพื้นที่ต้องห้ามก่อนได้รับอนุญาตโดยเด็ดขาด ยกเว้นได้รับอนุญาตจากเจ้าหน้าที่ของโรงไฟฟ้า
- ห้ามถ่ายรูปในพื้นที่ที่ไม่ได้รับอนุญาต ยกเว้นได้รับอนุญาตจากเจ้าหน้าที่ของโรงไฟฟ้า
- ห้ามสูบบุหรี่นอกเหนือเขตพื้นที่กำหนด





12

บทลงโทษกรณีไม่ปฏิบัติตามกฎระเบียบความปลอดภัย

GULF

❖พนักงานกัลฟ์ทุกคนมีสิทธิสั่งหยุดงานหรือห้ามผู้รับเหมาทำงานได้ทันทีโดยมิต้องรับผิดชอบความเสียหายที่อาจเกิดขึ้นต่อผู้รับเหมา ในกรณีดังต่อไปนี้

- พบผู้รับเหมาไม่สวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลที่กำหนด
- ทำผิดกฎระเบียบด้านความปลอดภัยและสิ่งแวดล้อม เช่น สูบบุหรี่ในพื้นที่ห้ามสูบ,ไม่ติดบัตรประจำตัวผู้รับเหมา,ขับรถเร็วเกินที่กำหนด,ทิ้งขยะโดยไม่มีการคัดแยกประเภท เป็นต้น
- พบการกระทำที่ไม่ปลอดภัยหรือสภาพงานที่ไม่ปลอดภัย ที่อาจก่อให้เกิดอุบัติเหตุอันตราย เช่น ไม่มีผ้ากันไฟในการทำงานในงานเชื่อม ,ทำงานบนที่สูงโดยไม่สวมใส่เข็มขัดนิรภัยชนิดเต็มตัว, อุปกรณ์ไฟฟ้าไม่ได้มาตรฐานแต่ยังมีการใช้งานเป็นต้น
- ไม่ปฏิบัติตามข้อปฏิบัติที่ระบุในใบอนุญาตทำงาน เช่น ไม่เซนต์ชื่อลงในใบบันทึกบุคคลเข้า-ออกในที่อับอากาศ เป็นต้น

13

กฎระเบียบการจราจรภายในโรงไฟฟ้า

14

กฎระเบียบการจราจรภายในโรงไฟฟ้า

GULF

- ยานพาหนะต้องอยู่ในสภาพพร้อมใช้งานได้ตามกฎหมายและปลอดภัย
- ติดบัตรผ่านยานพาหนะให้เห็นเด่นชัด (เฉพาะรถที่ได้รับอนุญาต)



- หยุดตรวจ และลดกระจกข้างประตูทั้ง 4 ด้าน เมื่อผ่านเข้า-ออกประตูหน้าโรงไฟฟ้า
- ปฏิบัติตามกฎจราจร เครื่องหมายและสัญญาณ โดยเคร่งครัด

15

กฎระเบียบการจราจรภายในโรงไฟฟ้า

GULF

- จำกัดความเร็วไม่เกิน 20 กิโลเมตร/ชั่วโมง





- ผู้ที่โดยสารมากับรถกระบะ รถบรรทุก ต้องลงเดินเมื่อถึงประตูหน้าโรงไฟฟ้า (Main Gate)
- ต้องสวมตัวดักประกายไฟ (Flame Arrester) ที่ท่อไอเสียก่อนเข้ามาปฏิบัติในพื้นที่อันตรายจากก๊าซไวไฟ เช่น สถานีจ่ายก๊าซธรรมชาติ



- จอดรถในสถานที่กำหนดให้ ไม่กีดขวางการจราจร
- ห้ามจอดรถกีดขวางหัวน้ำดับเพลิง อุปกรณ์ความปลอดภัยในรัศมี 3 เมตร

16

ตัวอย่างป้ายสัญลักษณ์ความปลอดภัย

GULF

ป้ายห้าม Prohibition Signs



ป้ายบังคับ Mandatory Signs



ป้ายเตือน Warning Signs



ป้ายป้องกันอัคคีภัย Fire Prevention Signs



ป้ายภาวะปลอดภัย Safety Condition



ป้ายจราจร Traffic Signs



17

GULF

Thank You

18

ภาคผนวก ข.1-8

ตัวอย่างเอกสารการขออนุญาตการทำงานในพื้นที่ก่อสร้าง

GULF

HAZARDOUS WORK PERMIT FORM (ใบขออนุญาตทำงานที่มีอันตราย)

A. PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัท)

Work Permit No.:	1102_0808Q024_004

Indicate type of permit requested: Mark each box as applicable (ระบุใบอนุญาตงานอันตรายที่เกี่ยวข้อง)

- ☐ Chemical Work Permit (งานที่เกี่ยวกับสารเคมี)
- ☐ Working at Heights over 1.8 m. (งานที่ต้องทำบนที่สูงมากกว่า 1.8 ม.)
- ☐ Confined Space Entry Permit (งานในที่อับอากาศ)
- ☐ Mechanical Work Permit (แรงดันมากกว่า 5.8 บาร์ หรือ อุณหภูมิสูงกว่า 65 °C)
- ☑ Cutting/Welding Hot Work Permit (งานตัด/เชื่อม ที่เกิดประกายไฟและความร้อน)
- ☐ Radiation Work Permit (งานที่เกี่ยวกับรังสี)
- ☐ Electrical Work Permit (งานไฟฟ้า > 380 VAC หรือ 125 VDC)
- ☐ Slings, Rigging and Cranes Permit (งานที่ใช้สลิง, รอกและเครน)
- ☐ Excavation Work Permit (งานที่ต้องขุดลึกลงไปมากกว่าหรือเท่ากับ 100 ซม.)
- ☐ Other Work (งานอื่นๆ ระบุ)_____

Personnel performing work: (บุคคลที่เข้าปฏิบัติงาน)
23 (ระบุรายชื่อผู้ปฏิบัติงานอันตรายและหน้าที่ความรับผิดชอบ เช่น หัวหน้างาน, ผู้ปฏิบัติงาน, ผู้ปฏิบัติงานที่อับอากาศ, ผู้เฝ้าระวังไฟ เป็นต้น)
กรณีมีรายชื่อผู้ปฏิบัติงานมากกว่าในตารางให้จัดทำรายชื่อเป็นเอกสารแนบ

Name – Surname (ชื่อ-นามสกุล)	Attendant (ผู้เฝ้าระวังไฟ/Firewatch Personnel (ผู้เฝ้าระวังไฟ)/Others(อื่นๆ)
Ngamnat Pracksacheep	รปภ วิระชีพ
อภิปรัชญา กล่ำเผือ	รปภ. ทพ. อพท
วิทวรุ์ โคลิรันต์	Fire Watch Man/รปภ. ทหน้างานพระพิเนตรกรีต/ Controller Man Mobile Crane
อโนชา จันสะแก่	Worker
เจริญชัย ทำไย	Worker
ทร หุ่งการไพท	Worker
สมเกต พิพิมาย	Worker
สวรรค์ ดาดม	Worker
สมุทร์ ปราจร	Worker
บุญยก ทองวิเศษ	Rigger Man/ Worker Mobile Crane

(ผ่านขั้นตอนการวิเคราะห์ความเสี่ยงและมีมาตรการป้องกันอุบัติเหตุและกระบวนการแก้ไขเรียบร้อยแล้ว)

Work Supervisor Sign:	Date: (วันที่)	7-Jul-2025	Time: (เวลา)	9.30
Contractor Sign:	Date: (วันที่)	7/7/2025	Time: (เวลา)	9.30
Operation Engineer Sign:	Date: (วันที่)	7/7/2025	Time: (เวลา)	9.35
Safety Acknowledge Sign*:	Date: (วันที่)	7/7/2025	Time: (เวลา)	9.38
Shift Leader Sign:	Date: (วันที่)	7/7/25	Time: (เวลา)	0945
Operation Manager Sign:	Date: (วันที่)		Time: (เวลา)	
Plant Manager Sign:	Date: (วันที่)		Time: (เวลา)	

B. WORK PERMIT EXTENSION RECORD, Shift by Shift (การต่อใบอนุญาต, กะต่อกะ)

1	Work Supervisor Sign:		Date: (วันที่)	Time: (เวลา)	
	Operation Engineer Sign:		Date: (วันที่)	Time: (เวลา)	
	Safety Acknowledge Sign*:		Date: (วันที่)	Time: (เวลา)	
	Shift Leader Sign:		Date: (วันที่)	Time: (เวลา)	
	Operation Manager Sign:		Date: (วันที่)	Time: (เวลา)	
	Plant Manager Sign:		Date: (วันที่)	Time: (เวลา)	

The Hazardous Work Permit is valid for only one shift duration. The extension is allowed but not more than 1 times. The atmosphere and site is re-evaluated at work leader shift change and a new permit must be obtained by the on-coming work leader. After 1 time extension, if work is not complete, new Permit form is required.
(ใบอนุญาตทำงานอันตรายมีอายุหนึ่งกะเท่านั้น ทั้งนี้สามารถต่ออายุได้หนึ่งครั้งในแต่ละใบอนุญาต การตรวจสอบสภาพพื้นที่ทำงาน ให้หัวหน้าวะที่มาใหม่เป็นผู้ดำเนินการตรวจสภาพใหม่ หลังการต่ออายุครั้งที่1 หากงานยังไม่แล้วเสร็จสมบูรณ์ ต้องกรอกข้อมูลลงในแบบฟอร์มใบใหม่)

C. WORK CLOSEOUT AND CLEARANCE (การปิดงานและนำระบบกลับสู่การใช้งานปกติ)

I hereby declare that all mechanical/electrical tools and devices have been removed, all personnel have been withdrawn, Plant cleared and brought back to normal operation.(ข้าพเจ้าขอรับรองว่า ได้นำอุปกรณ์เครื่องมือช่างและเครื่องมือกลไฟฟ้าออกจากพื้นที่ทำงานแล้ว คนงานทั้งหมดได้ถูกนำออกจากพื้นที่ทำงานเรียบร้อยแล้ว พื้นที่ทำงานได้รับการตรวจสอบและกลับสู่สภาพปกติ)

Work Supervisor Sign:	Date: (วันที่)	7/7/2025	Time: (เวลา)	12:30	Work Completed	
Contractor Sign:	Date: (วันที่)	"	Time: (เวลา)	"		
Operation Engineer Sign:	Date: (วันที่)	7/7/2025	Time: (เวลา)	17.40		
Shift Leader Sign:	Date: (วันที่)	7/7/25	Time: (เวลา)	1740		
Operation Manager Sign:	Date: (วันที่)		Time: (เวลา)			
Plant Manager Sign:	Date: (วันที่)		Time: (เวลา)		" YES	NO

*Safety Acknowledge Authorization: SHE, Operation Manager, Maintenance Manager and Plant Manager, respectively.

Personnel performing work: (บุคคลที่เข้าปฏิบัติงาน)
(ระบุรายชื่อผู้ปฏิบัติงานอันตรายและหน้าที่ความรับผิดชอบ เช่น หัวหน้างาน, ผู้ปฏิบัติงาน, ผู้ปฏิบัติงานที่อับอากาศ, ผู้เฝ้าระวังไฟ เป็นต้น)
กรณีมีรายชื่อผู้ปฏิบัติงานมากกว่าในตารางให้จัดทำรายชื่อเป็นเอกสารแนบ

Name – Surname (ชื่อ-นามสกุล)	Attendant (ผู้เฝ้าระวังไฟ/Firewatch Personnel (ผู้เฝ้าระวังไฟ)/Others(อื่นๆ)
[redacted]	Worker
	Worker
	Worker

GULF SAFETY CHECKLIST - Type A (รายการตรวจสอบความปลอดภัยประเภท ก)

Work Permit No.: 1102_08082024_004

The following is safety precaution. Tick in the box provided where appropriate. "*" is REQUIRED PRECAUTION.

Part-I : APPLICABLE TO ALL WORKS [รายการตรวจสอบความปลอดภัยสำหรับงานทุกประเภท]

- ☑ System isolated with lock and tag. (ระบบพลังงานถูกตัดออก,ล็อก,ติดป้าย)
- ☑ PPE available / in use. (อุปกรณ์ความปลอดภัยพร้อมใช้งาน)
- ☑ Affected persons/parties notified. (ให้ผู้ที่ได้รับผลกระทบ/ผู้ที่เกี่ยวข้อง)
- ☑ Tools/equipment are inspected. (เครื่องมือนำมาการตรวจสอบพร้อมใช้งาน)
- ☑ Clearly marked with signs. (มีเครื่องหมายชัดเจน)
- ☑ Proper Safety Equipment located. (จัดเตรียมเครื่องมือความปลอดภัย)
- ☑ Warning lighting provided. (มีไฟสัญญาณเตือนภัย)
- ☑ Safe exit path known by all workers. (ผู้ปฏิบัติงานทราบถึงเส้นทางอพยพฉุกเฉิน)
- ☑ Communication with Control Room established. (ระบบช่องทางการสื่อสารกับห้องควบคุมฯ)
- ☑ Work Planning and emergency actions provided. (มีขั้นตอนการทำงานและแผนเมื่อเกิดเหตุฉุกเฉิน)
- ☑ JSA/procedure reviewed and communicated to all workers (ทบทวน JSA/วิธีปฏิบัติงาน และสื่อสารให้ผู้ปฏิบัติงานทุกคนทราบ)

Part-II : APPLICABLE TO HOT WORKS [รายการตรวจสอบความปลอดภัยสำหรับงานที่ก่อให้เกิดความร้อนและประกายไฟ]

- ☑ Combustible materials kept away over 10 m. (วัสดุไวไฟอยู่ห่างจากจุดทำงานมากกว่า 10 เมตร)
- ☑ Protection from nearby combustible materials. (มีการป้องกันวัสดุไวไฟที่อยู่ใกล้เคียง)
- ☐ Nearby floor openings covered. (พื้นที่เปิดมีการปิดไม่ให้ประกายไฟและสะเก็ดไฟกระเด็น)
- ☑ Fire watcher, 30 min. check after work completed. (มีผู้เฝ้าระวังไฟ, หลังเสร็จงาน 30 นาทีต้องตรวจสอบพื้นที่)
- ☑ Combustible gas tested. (มีการตรวจวัดก๊าซไวไฟก่อนเริ่มงาน)
- ☑ For gas cylinders; proper arrester, 5-year tested and proper valves such as CGA installed. (กับก๊าซที่ใช้งานก๊าซมีการป้องกันการกลับของเปลวไฟ ทุก 5 ปี, มีอุปกรณ์ควบไฟย้อนกลับและวาล์วที่ได้มาตรฐาน (เช่น CGA))
- ☑ Fire extinguisher available. Rating at least 6A-20B (มีถังดับเพลิงพร้อมใช้งานอย่างน้อย 6A-20B ไว้บริเวณที่ปฏิบัติงาน)
- ☑ Faceshield is required for welding task. (ต้องสวมหน้ากากงานเชื่อม)

Part-III : APPLICABLE TO LIFTING WORKS [รายการตรวจสอบความปลอดภัยสำหรับงานยกโดยการใช้เครื่องจักร]

- ☐ Lifting Plan provided. (มีแผนการยกไว้ล่วง)
- ☐ Lifting area in safe condition i.e. safe distance from electrical high voltage and stable ground. (มีสภาพพื้นที่ทำงานมีความปลอดภัย เช่น ห่างจากไฟแรงสูง และพื้นมีความมั่นคงแข็งแรง)
- ☐ Lifting load charts reviewed. (ทบทวนตารางมีหัวข้อน้ำหนักการยกของเป็นวัน)
- ☐ Crane operators certificated. (ผู้ควบคุมเป็นผู้มีใบรับรองความถูกต้อง)
- ☐ Lifting equipment i.e. slings, hoists, hook, shackle and eye bolt in good and safe condition. (อุปกรณ์ที่ใช้ยกเช่น สลิง, รอก, ตะขอ, ห่วงใส่สลิงอุปกรณ์ยกต่างๆ มีสภาพดีอยู่ในสภาพดี)
- ☐ Posses crane inspection certificate. (มีผลตรวจสภาพปีนี้ปี ปี. 1 (อยู่ในที่ ปี. 2 (เครื่องที่))

Part-IV : APPLICABLE TO ELECTRICAL WORKS [รายการตรวจสอบความปลอดภัยสำหรับงานไฟฟ้า]

- ☐ Qualified person as required by law. (ผู้ปฏิบัติงานได้ผ่านการอบรมตามกฎหมาย)
- ☐ Rubber mat and rubber gloves (ใช้พรมยางและถุงมือยางสวมใส่)
- ☐ Grounding system installed (ติดตั้งระบบสายดินเรียบร้อย)
- ☐ Insulated tools required and available (แบบมือจับที่ไฟฟ้าของเครื่องมือถูกต้องตามมาตรฐาน)
- ☐ Workers are not wearing loose clothing, jewelry or metal objects. (คนทำงานไม่สวมเครื่องใช้ที่เป็นโลหะ, ไม่สวมเครื่องประดับที่ทำจากโลหะ)

Part-V : APPLICABLE TO RADIATION WORKS [งานที่เกี่ยวข้องกับการปล่อยรังสีสำหรับงานรังสี]

- ☐ Safety distance in _____ meter(s) (ระยะปลอดภัยในการตามเข็มทิศระยะ _____ เมตร)
- ☐ # of Licence of Radiography Equipment: _____ (อุปกรณ์ถ่ายรังสีมีใบอนุญาตระดับรังสีเลขที่ _____)
- ☐ Radiography team use personal dosimetry. (ทีมงานใช้เครื่องวัดรังสีส่วนบุคคลได้ทันทีหน้างานไม่ล่าช้า)
- ☐ Warning signs or rotating lamps provided. (มีป้ายเตือนหรือไฟหมุนเตือนรังสีพร้อมใช้งาน)
- ☐ Fire extinguisher rating as least 6A-20B in place. (มีถังดับเพลิงระดับอย่างน้อย 6A-20B ไว้บริเวณที่ปฏิบัติงาน)
- ☐ Radiography equipments is in good and safe condition. (เครื่องถ่ายรังสีมีสภาพดีและปลอดภัยพร้อมใช้งาน)

Part-VI : APPLICABLE TO WORKING AT HEIGHTS [รายการตรวจสอบความปลอดภัยสำหรับการทำงานบนที่สูง]

- ☐ Equipment for erection scaffolding or ladder must be strong and stable. (อุปกรณ์ที่นำมาประกอบเป็นนั่งร้าน หรือบันไดต้องมีความแข็งแรงและมั่นคงไม่โยกคลอน)
- ☐ Platform of the scaffolding must be fixed and at least 60 cm. in width. (มีพื้นที่ทำงานอย่างน้อย 60 ซ.ม.)
- ☐ Cover provided for open floor over 30 cm. guard rail provided. (ช่องเปิดมีฝาปิด หรือมีราวกั้นหากช่องเปิดมากกว่า 30 ซ.ม.)
- ☐ The width of ladder must not less than 30 cm. (ความกว้างบันไดไม่น้อยกว่า 30 ซ.ม.)
- ☐ Scaffolding has fall protection. Ladder installed, walkway provided. Handrail must not less than 90 cm. (นั่งร้านต้องมีระบบกันตก มีบันได มีทางเดิน และมีราวกันตก สูงไม่น้อยกว่า 90 ซ.ม.)
- ☐ Warning signs, inspected, approved Tag. (มีป้ายเตือน และมีป้ายแสดงการตรวจสอบ,มีป้ายผ่านการตรวจสอบว่าปลอดภัย)
- ☐ PPE for working at the site available / in use. (อุปกรณ์ความปลอดภัยส่วนบุคคลสำหรับการทำงานบนที่สูงพร้อมใช้งาน)

Part-VII : APPLICABLE TO WORK RELATED CHEMICAL [รายการตรวจสอบความปลอดภัยสำหรับงานที่เกี่ยวข้องกับสารเคมี]

- ☐ SDS requirements reviewed by workers (พนักงานทบทวนและทำให้เข้าใจกับเอกสาร SDS)
- ☐ Rubber gloves, suits, faceshield etc. (เครื่องนุ่งห่มยาง, อุปกรณ์ป้องกันร่างกายที่)
- ☐ Chemical spill control kit prepared (อุปกรณ์ป้องกันสารเคมีรั่วไหลพร้อมใช้งาน)
- ☐ Nearest eyewash/shower/spill kit known (รู้จุดล้างตาฉุกเฉิน/อุปกรณ์เมื่อเกิดสารเคมีรั่วไหล)
- ☐ Emergency response plan provided in chemical truck (มีแผนฉุกเฉินเมื่อเกิดอุบัติเหตุเกี่ยวกับรถขนส่งสารเคมี)
- ☐ Chemical transportation manifest prepared (มีเอกสารกำกับการขนส่งสารเคมี)
- ☐ Transport license provided (มีใบอนุญาตในการขนส่งสารเคมี)
- ☐ Hazardous material transportation training certificate provided (หนังสือรับรองการอบรมการขนส่งสารเคมีอันตราย)
- ☐ Chemical truck driver has driving license type 4 (ผู้ขับขี่รถขนส่งสารเคมีมีใบขับขี่ประเภท 4)

This section is ONLY for flammable chemicals (รายการตรวจสอบความปลอดภัยสำหรับงานที่มีสารเคมีไวไฟทำงาน)

- ☐ Fire extinguisher provided (เครื่องดับเพลิงพร้อมใช้งาน)
- ☐ Appropriate leak detector used (มีเครื่องตรวจวัดสารไวไฟ)
- ☐ Fire watcher is assigned (มีผู้เฝ้าระวังไฟ)
- ☐ Non-sparking tools required (ใช้เครื่องมือที่ไม่ทำให้เกิดประกายไฟ)
- ☐ System properly purged or cleaned (ทำการระบายหรือทำความสะอาดสารไวไฟแล้ว)
- ☐ Grounding or bonding installed (ทำการต่อสายดิน หรือต่อกันประจุไฟฟ้าเรียบร้อยแล้ว)

Part-VIII : APPLICABLE TO EXCAVATION WORKS [งานขุดดิน]

- ☐ Hole size _ 0.3x0.3x50 meters (ระบุขนาดของหลุม, กว้างxยาวxลึก)
- ☐ Underground pipelines and cables already identified. (ทราบที่ตำแหน่งของท่อและสายไฟใต้ดินแล้ว)
- ☐ Digging by hand tool only. (ห้ามใช้เครื่องจักร ขุดโดยคนเท่านั้น)
- ☐ Watch man is assigned. (มีคนเฝ้าระวังที่ปลอดภัยขณะทำงาน)
- ☐ Warning sign for pipelines/cables already installed. (มีการติดตั้งป้ายเตือนสายท่อและสายไฟใต้ดิน)
- ☐ Do not have flammable materials. (ห้ามไม่มีวัสดุไวไฟบริเวณที่ทำงาน)
- ☐ When depth is more than 1.2 meters, ladders are prepared, ins and over 1 m, and side protection is also required. (มีขอบลึกมากกว่า 1.2 เมตร ต้องมีบันไดที่ปลอดภัยมากกว่า 1 เมตร และต้องมีอุปกรณ์ป้องกันด้านข้างด้วย)

Part-IX : APPLICABLE TO MECHANICAL WORKS [รายการตรวจสอบความปลอดภัยสำหรับงานเครื่องจักรอุตสาหกรรม]

- ☐ System drained and depressurized or de-temperature to extent possible. (มีการระบายพลังงาน ไม่มีความดันและอุณหภูมิสูงที่อยู่ในระดับที่ปลอดภัย)
- ☐ Temporary shielding (มีการป้องกันไม่ให้เกิดอันตรายชั่วคราว)
- ☐ Face shield, pressure/heat proof suit. (หน้ากากป้องกันใบหน้า, ชุดป้องกันความร้อน)
- ☐ Leather gloves (ถุงมือหนังป้องกันมือ)
- ☐ Long sleeve shirt (ผู้ปฏิบัติงานใส่เสื้อแขนยาว)

Operation Engineer (Print Name: ลงชื่อ)	[redacted]	Date: (วันที่)	7/7/2025	Time: (เวลา)	09 35
Work Supervisor (Print Name: ลงชื่อ)	[redacted]	Date: (วันที่)	7-Jul-2025	Time: (เวลา)	9:20
Safety Acknowledge Authorization (Print Name: ลงชื่อ)	[redacted]	Date: (วันที่)	7/7/2025	Time: (เวลา)	9.20

Personal performing work: (บุคลากรที่ทำงาน)
(ระบุรายชื่อผู้ปฏิบัติงานในแต่ละกลุ่มที่ทำงานร่วมกันเช่น ช่างเชื่อม ช่างไฟฟ้า ผู้ปฏิบัติงานที่ต้องอยู่ในที่อับอากาศ, ผู้ปฏิบัติงานบนที่สูง, ผู้ปฏิบัติงานกับเครื่องจักรอุตสาหกรรม ฯลฯ)

Name – Surname (ชื่อ-นามสกุล)	Attendant (ผู้ปฏิบัติงานที่อยู่/Firewatch Personnel (ผู้ปฏิบัติงานที่อยู่ Others(อื่นๆ))
[redacted]	Welder
	Welder
	Welder
	Welder
	Fire Watch Man (ผู้เฝ้าระวังไฟ)
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Project Manager
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Project Engineer (วิศวกรโครงการ)
	Welder
	Welder
	Signal Man (ผู้ให้สัญญาณ)
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder
	Welder

GULF

SAFETY CHECKLIST – Type B (รายการตรวจสอบความปลอดภัยประเภท บี)

This checklist is a safety check for **CONFINED SPACE ENTRY** or **HOT WORK** Task

[แบบตรวจสอบความปลอดภัยประเภท บี เป็นแบบตรวจสอบฯที่ใช้สำหรับงานในที่อับอากาศ หรือ งานที่ก่อให้เกิดความร้อนหรือประกายไฟ]

Location of work (สถานที่ปฏิบัติงาน):	Solar Farm Area	**Work Permit No.**	1102_08082024_004
Description of work (ลักษณะงาน):	Cutting, Coring and Welding		

ATMOSPHERIC TESTING RESULT (ผลการตรวจวัดและประเมินสภาพบรรยากาศ)

Condition	Acceptable Entry Condition	Initial (1st)	Time (2nd)	Time (3rd)	Time (4th)	Time (5th)	Time (6th)	Time (7th)	Time (8th)
		07:30	11:30	13:05	15:00				
		Result	Result	Result	Result	Result	Result	Result	Result
Oxygen	19.5% - 23.5%	20.5	20.8	20.1	20.3				
Flammable	< 10% LEL	0	0	0	0				
Other: _____		-	-	-	-				
Temperature Condition	< 40 °C	-	-	-	-				
Test performed by Operation Engineer		[redacted]							
Acknowledge result (Work Supervisor)									

Note: Testing must be carried out before entering and during performing task. The need for testing will depend upon the results of the initial test and the frequency of testing will depend upon the circumstances, but, 30 minutes,

1 or 2 hours depending on conditions that might affect the atmospheric condition in the confined space. If the confined space vacant for more than 30 minutes,

the atmosphere must be tested before anyone re-enters the space.

INSTRUMENTS DETAIL (รายละเอียดอุปกรณ์ตรวจวัด)

Instrument Used (Model and/or Type) [เครื่องมือที่ใช้ตรวจวัด (รุ่น และ/หรือ ชนิด)]	Serial # (หมายเลขเครื่อง)	Last Calibration Date (วันที่ทำการสอบเทียบครั้งล่าสุด)
Altair 5X	1496824	28 / 4 / 2015

PREPARATAION (การเตรียมการทำงาน)

- ☑ Isolate with lock and tag (ทำการคัดแยกพลังงาน, ล็อกกุญแจและแขวนป้าย)
- ☑ Continuous ventilation established (จัดให้มีการระบายอากาศอย่างต่อเนื่อง)
- ☐ Cleaned, drained, washed, and purged incl. inlet or discharge lines, instrument connections and loops (มีการทำความสะอาด, ถ่ายสารเคมีออก, ไล่ก๊าซอันตรายออกจากระบบ, ท่อ, ช่องทางเข้า-ออก, จุดต่อที่สมบูรณ์)
- ☐ Passes Confined Space Entry certificate and Valid (ผ่านการอบรมการทำงานในที่อับอากาศ)
- ☐ Passed Medical Check-up report and valid (มีผลการตรวจสุขภาพเพื่อยืนยันว่าสามารถทำงานในที่อับอากาศได้ในระยะเวลาที่กำหนด)
- ☑ Procedure reviewed with each workers (มีการทำการทบทวนวิธีและขั้นตอนการทำงานกับผู้ปฏิบัติงานแล้ว)
- ☑ Working sign posed, boundaries established (ทำการติดป้ายเตือน, กั้นแยกพื้นที่)
- ☐ Employees informed of confined space hazards (ผู้ปฏิบัติงานรับทราบถึงอันตรายของการเข้าไปทำงานในที่อับอากาศ)
- ☑ Attendant stationed (ควรมีผู้เฝ้าระวังไว้ด้วย)
- ☑ Initial asmospheric completed (วัดผลการตรวจก่อนเริ่มงานแล้ว)
- ☑ Describe method of rescue (ระบุวิธีการช่วยเหลือเมื่อเกิดเหตุฉุกเฉิน/เครื่องมือกู้ภัย)

EQUIPMENT REQUIRED FOR ENTRY AND WORK (อุปกรณ์ที่จำเป็นสำหรับการทำงาน)

☑ Direct reading gas detector (เครื่องวัดก๊าซที่สามารถอ่านค่าได้โดยตรง)	☐ Safety harness and lifelines (สายรัดตัวนิรภัยและสายช่วยชีวิต)	☐ Hoisting equipment (อุปกรณ์การ์บและยกรอก)
☑ Powered communication (อุปกรณ์สื่อสาร)	☐ Respirator (เครื่องช่วยหายใจหน้ากาก)	☐ Protective clothing (ชุดป้องกัน)
☑ Lighting (อุปกรณ์ส่องสว่าง)	☐ SCBA or air purifying respirators for entry and standby personnel (เครื่องช่วยหายใจสำหรับผู้ปฏิบัติงานและผู้ควบคุมงาน)	☑ Fire extinguisher (ถังดับเพลิง)

☑ Method of Communication with Attendant and site's Control Room (ระบุวิธีการสื่อสารกันระหว่างผู้ปฏิบัติงานและผู้เฝ้าระวัง, ตามที่สถานีควบคุมของโรงไฟฟ้า เช่น วิทยุสื่อสาร, แตร, สัญญาณไฟ, โทรศัพท์ เป็นต้น)

Operation Engineer (Print Name: ลงชื่อ)	[redacted]	**Date:** (วันที่)	7/7/2025	**Time:** (เวลา)	09:30
Safety Acknowledge Authorization (Print Name: ลงชื่อ)		**Date:** (วันที่)	7/7/2025	**Time:** (เวลา)	9:20
Work Supervisor (Print Name : ลงชื่อ)		**Date:** (วันที่)	7-Jul-2025	**Time:** (เวลา)	9:20

ภาคผนวก ข.1-9

เบอร์ติดต่อสถานพยาบาลใกล้เคียงสำหรับกรณีฉุกเฉิน

GULF JP
U Thai

บริษัท กัลฟ์ เจพี ยูที จำกัด

GULF JP UT co., Ltd (U-Thai Power Plant)

โรงไฟฟ้าอุทัย

EMERGENCY FLOW TELEPHONE

Hospital โรงพยาบาล	Police Station สถานีตำรวจ	Fire Station สถานีดับเพลิง	Gulf : โรงไฟฟ้าอุทัย และอื่นๆ
รพ.อุทัย โทร 035-711469 รพ.ราชธานี 035-335555-71 รพ.ภาชี 035-311112 รพ.พระนครศรี 035-211888 035-322556-60, 089-9012871 **ขอความช่วยเหลือฉุกเฉิน** แจ้งเจ็บป่วยฉุกเฉิน ศูนย์นเรนทร กระทรวงสาธารณสุข โทรศัพท์ 1669 **แจ้งเหตุสาธารณภัย (ปภ.)** โทรศัพท์ 1784 **แจ้งเหตุฉุกเฉินอุบัติภัย** สารเคมีกรมควบคุมมลพิษโทร 1650 ศูนย์เตือนภัยพิบัติแห่งชาติโทร 1860 ศูนย์บริการข่าวอากาศ กรมอุตุนิยมวิทยา 1182 **ศูนย์ส่งกลับและรถพยาบาล** โรงพยาบาลตำรวจโทรศัพท์ 1691	สภ.อ.อุทัย โทร 035-356181 สภ.อ.เมือง พระนครศรีอยุธยา โทร 035-241139 โทร 035-243444 สภ.อ.ภาชี 035-311163 **สายด่วนตำรวจทางหลวง** โทรศัพท์ 1193 **สายด่วนตำรวจท่องเที่ยว** โทรศัพท์ 1155 **แจ้งเหตุฉุกเฉิน อาชญากรรม** กองปราบปราม โทรศัพท์ 1195 **สายด่วนผู้บริโภคกับ อย.** โทรศัพท์ 1556 ศูนย์ รปภ.โรจนะ 035-226362,0945987386 วิทยุสื่อสาร CB-245MHz เครื่องแดง โรจนะ 3 ช่อง 75 **สายด่วนตำรวจ** โทรศัพท์ 191	อบต.คานหาม 035-800645 อบต.บ้านช้าง 085-4456906 อ.อุทัย 035-356998 โรจนะ 035-226362 อ.ภาชี 035-330562 อบต.ธนู 035-346316 หนองแซง 036-399199 ท่าเรือ 035-341383 พระนครศรีฯ 035-251111 เมืองอโยธยา 035-245501 เสนา 035-201560 อ.อยุธยา 035-336554 เทศบาลอุทัย 035-356199 อบต.ภาชี 035-311144 , 035-311864 **การไฟฟ้าส่วนภูมิภาค** 035-253612, 035-253615 อยุธยา 035-241612 อ.บางปะอิน 035-261113 อ. ท่าเรือ 035-341210 อ.เสนา 035-341210 **สำนักป้องกันและบรรเทาสาธารณภัย** ป้องกันและบรรเทาสาธารณภัยจังหวัดพระนครศรีอยุธยา 035-252236	คุณก่อฤกษ์ 083-058-2921 คุณดำรงค์ 084-1076109 คุณชวฤทธิ์ 089-126-7887 คุณปฐมาพร 082-2396060 คุณพนิดา 089-1217222 คุณจีรศักดิ์ 088-3328370 CCB 035735000 ต่อ 101 หรือ 102 วิทยุสื่อสารช่อง1 รปภ.035735000 ต่อ 246วิทยุสื่อสารช่อง3 **ท่อส่งก๊าซธรรมชาติ และ EGAT** ปตท. ศูนย์ชลบุรี 02-537 2000 ต่อ 5000, 038-274390-5 ปตท. ศูนย์วังน้อย (038) 723-022-9 EGAT party line 706 2113, 706 2114 การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย 02-436 2144, 02-4368616-17

ภาคผนวก ข.2-1

ตัวอย่างเงื่อนไขการสั่งจ้างผู้รับเหมาตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

GULF

ESMS Procedure

SH&E Minimum Requirements for Contractor

Document Number:	ESMS-ES-P-21
Area of Applicability:	Gulf Group Plant Facilities
Responsible Center:	SH&E Management
Current Revision:	3
Current Revision Date:	01 July 2024

Reviewed By:

[redacted]

Safety, Health and ESG Leader
SH&E Management

Approved By:

[redacted]

Head of Asset Management

GULF

REVISION HISTORY

NOTE

Document is due for a sixth revision, revise and reissue it as a new, original document using the current document number.

REVISION	REASON FOR REVISION	APPROVED BY
Revision 0 Dated 15 June 2018	Initial Release	Sarote Navasuwitsawa
Revision 1 Dated 1 April 2021	1. Changed name of procedure from "Outage Manual" to "EHS Minimum Requirements for contractors" 2. Updated the requirements for contractor not only for contractor's activities of planned outage or planned inspection but also regular work. 3. Updated and added more details requirements for each activity such as daily inspection, incident reporting and waste management in ATTACHMENT - 1 4. Revised Site Radiography Safety Procedure 5. Requirements in ATTACHMENT -1 6. Added new Environmental Requirements on tank for liquid storage in ATTACHMENT -1	Pitak Sangchot
Revision 2 Dated 16 July 2021	1. Added item "5.2 Penalties for non-compliance" 2. Revised "Attachment-1_SH&E Manual for Contractors"	Surasing Chamnansua
Revision 3 Dated 01 July 2024	1. Revised "Attachment-1_SH&E Manual for Contractors"	Natcharee Pongrattanadej
Revision 4 Dated		
Revision 5 Dated		

GULF

TABLE OF CONTENTS

SECTION	DESCRIPTION	PAGE NUMBER
	TITLE PAGE	ERROR!
	REVISION HISTORY	2
	TABLE OF CONTENTS	3
1.0	PURPOSE	4
2.0	SCOPE	4
3.0	DEFINITIONS	4
4.0	RESPONSIBILITY	4
5.0	PROCEDURE	5
6.0	REFERENCE DOCUMENTS	5
7.0	ATTACHMENTS	6

GULF

1.0 PURPOSE

1.1 This document is a summary of the Safety, Health and Environment, (SH&E) requirements that are the minimum standards and practices, which all contractor personnel shall adhere to while

requirements, and in addition to, and intended to supplement, all other applicable laws, rules and regulations.

1.2 The GULF SH&E minimum requirements for contractors are the minimum standards and practice to which all contractor personnel shall adhere to while performing work for GULF or any of its power plant site both regular work and planned outage or planned inspection.

2 SCOPE

2.1 This document applies to all contractor's works or activities as well as to all planned outage or planed inspection activities at GULF or any of its power plant site.

2.2 It is not within the scope of this document to detail all government regulations or all GULF SH&E procedures or requirements, but rather to provide an overview of Gulf's minimum SH&E requirements.

3 DEFINITIONS

3.1 Contractor means any company or person contracted to perform short or long-term work for company, including, but not limited to, contractor's employees, its subcontractors and its third party inspectors and consultants. For clarity purposes, a contractor is not an employee of company.

4 RESPONSIBILITY

4.1 Contractor Responsibilities shall responsible for

- Compliance with the enclosed requirements, other GULF requirements that may subsequently be issued, contractor-specific SH&E requirements, and all law, regulations and standards applicable to contractor's employees and subcontractors and contractor's respective work. Contractor is solely responsible for the work safely of the work it is performing.
- Comply with all applicable environment, health, safety law, employee's welfare under Labour Act and Social Security Act, regulations, standards and / or all items, materials, equipment, or personnel used in performing such work. If such law, regulation or standards

do not adequately protect against hazards arising from the particular work, contractor shall adopt appropriate additional practices.

4.2 **SH&E Management** is responsible for providing the final review and approval for this procedure.

4.3 **Individual Responsibilities** - it is the minimum responsibility of every individual on any power plant site to comply with all GULF SH&E requirements, all contractor-specific SH&E requirements, and all applicable environment, health, safety and social law, regulations and standards. If any questions or concerns arise about safe work practices, consult your supervisor and / or GULF Work Supervisor for the location where you are working.

4.4 Procurement Department shall responsible for

- Forwarding SH&E manual for contractors with Purchase Order (PO) during Request for Quotation (RFQ) process.
- Notifying contractors SH&E concerns, issues and feedbacks related to each contractor.

4.5 **Requester** which can be any person working for power plant such as Operations, Maintenance, SH&E, General Administration or Major Maintenance shall responsible for

- Providing scope of work and submitting the SH&E Manual for Contractors along with Purchase Requisition (PR)
- Ensuring that all contractors and / or sub-contractors comply with all requirements mentioned in this procedure.

5 Procedure

5.1 A copy of **SH&E Manual for Contractors as ATTACHMENT-1** will be provided and sent to contractors by Procurement Department along with the Purchase Order (PO) or purchasing process.

5.2 Penalties for non-compliance with safety regulations as ESMS-ES-P-21_SH&E Minimum Requirements for contractor.

- **The 1st warning**: Verbal warning and convey to in charge work supervisor know immediately.
- **The 2nd warning**: Warning in a written statement to the contractor company.
- **The 3rd warning**: Terminate contractor.

6 Reference Documents

- Nil -

7 Attachments

7.1 Attachment-1_SH&E Manual for Contractors (Master document in Thai language and translation version in English)

คู่มือด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อมในการทำงาน

สำหรับผู้รับเหมา

Safety, Health and Environmental Management Manual for Contractors

1. วัตถุประสงค์

คู่มือด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อมในการทำงาน สำหรับผู้รับเหมา ("**คู่มือ**") ฉบับนี้ได้กำหนดมาตรฐานด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ในการทำงาน ตลอดจนแนวทางในการดำเนินการต่างๆ เพื่อให้ผู้รับเหมาสามารถบรรลุความคาดหมายของกลุ่มบริษัทกัลฟ์ในเรื่องที่เกี่ยวข้องกับความปลอดภัยในการทำงาน

ดังนั้น เพื่อให้บรรลุวัตถุประสงค์ข้างต้น กลุ่มบริษัทกัลฟ์ประสงค์ให้ผู้รับเหมาดำเนินการดังนี้

- ปฏิบัติตามบรรดากฎหมาย ระเบียบข้อบังคับ และมาตรฐานอื่นๆ ด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ในการทำงาน
- ปฏิบัติตามข้อกำหนดด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ในการทำงานใดๆ ที่ระบุไว้ในคู่มือฉบับนี้

นอกจากนี้ ผู้รับเหมามีหน้าที่รับผิดชอบต่ออาชีวอนามัยและความปลอดภัยในการทำงาน ตลอดจนสภาพแวดล้อมที่เหมาะสมต่อการปฏิบัติงานของลูกจ้างและผู้รับเหมาช่วงของตน

ผู้รับเหมาต้องดำเนินการตรวจสอบ ควบคุม และประเมินอันตรายและความเสี่ยงด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ในการทำงานก่อนเริ่มการทำงานใดๆ

2. ขอบเขต

คู่มือฉบับนี้ให้ปรับใช้กับผู้รับเหมาทุกรายของกลุ่มบริษัทกัลฟ์ เพื่อใช้เป็นแนวทางสำหรับการดำเนินงาน และการให้บริการต่างๆ ซึ่งรวมถึง แต่ไม่จำกัดเพียง งานติดตั้งหรือรื้อถอนอุปกรณ์ งานซ่อมบำรุง และงานบำรุงรักษาตามแผนงาน

3. คำจำกัดความ

"**กลุ่มบริษัทกัลฟ์**" ให้หมายความรวมถึง บริษัท กัลฟ์ เอ็นเนอจี ดีเวลลอปเม้นท์ จำกัด (มหาชน) ตลอดจนบริษัทย่อยและบริษัทร่วมของบริษัท กัลฟ์ เอ็นเนอจี ดีเวลลอปเม้นท์ จำกัด (มหาชน)

"**ผู้ปฏิบัติงาน**" หมายถึง ลูกจ้างหรือตัวแทนซึ่งได้รับมอบหมายจากผู้รับเหมาให้ปฏิบัติงานที่กำหนด ซึ่งลูกจ้างหรือตัวแทนนั้นจะต้องได้รับการอบรม และมีประสบการณ์ในงานนั้นๆ เป็นอย่างดี ตลอดจนได้รับใบอนุญาตที่จำเป็นต่อการดำเนินงาน

"**ผู้รับเหมา**" หมายถึง บริษัท กิจการที่มีเจ้าของคนเดียว หรือห้างหุ้นส่วน ซึ่งลูกหินตนในการทำงานให้แก่โรงไฟฟ้าของกลุ่มบริษัทกัลฟ์ โดยมีขอบเขตของงานปรากฏตามสัญญาว่าจ้าง

"**ผู้ว่าจ้าง**" หมายถึง บริษัทย่อยหรือบริษัทร่วมของบริษัท กัลฟ์ เอ็นเนอจี ดีเวลลอปเม้นท์ จำกัด (มหาชน) ซึ่งเข้าทำสัญญาว่าจ้างกับผู้รับเหมา เพื่อให้ดำเนินงานตามที่กำหนด

"**สิ่งแวดล้อม**" หมายถึง สิ่งแวดล้อมในการทำงานและ สภาพแวดล้อมในการทำงานที่เป็นอันตรายต่อสุขภาพ เช่น ความร้อน แสงสว่าง เสียงดัง สารเคมี ก๊าซ ไอสาร ฝุ่น ฟูม เชื้อโรค รังสี ความสั่นสะเทือน สภาพทางจิตวิทยาสังคม และอื่นๆ ตามกฎหมายกำหนด และให้หมายความรวมถึงสิ่งแวดล้อมที่อยู่โดยรอบการปฏิบัติงานหรือพื้นที่ทำงาน เช่น อากาศ น้ำ ดิน พืช สัตว์ สิ่งมีชีวิต ทรัพยากรธรรมชาติ วัสดุที่ไม่ใช้แล้ว ของเสียจากการทำงาน และความสัมพันธ์ระหว่างสิ่งต่างๆ ดังกล่าวมานี้

"**การอบรมด้านความปลอดภัยก่อนเริ่มงาน** (Safety Induction Training)" หมายถึง การอบรมด้านความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ในการทำงานในส่วนที่เกี่ยวข้องกับสถานที่ทำงานที่ผู้รับเหมาต้องเข้าปฏิบัติงาน ก่อนเริ่มปฏิบัติงานจริง

"**การวิเคราะห์งานเพื่อความปลอดภัย** (Job Safety Analysis - JSA)" หมายถึง วิธีการ หรือเทคนิคการวิเคราะห์ ค้นหาและชี้บ่งอันตราย ในกระบวนการทำงานแต่ละขั้นตอน เพื่อกำหนดวิธีการจัดการความเสี่ยงอันตรายที่อาจเกิดขึ้นจากการทำงาน ซึ่งส่งผลกระทบ ต่อความปลอดภัยและสุขอนามัยของผู้ปฏิบัติงาน

"**งานที่ก่อให้เกิดความร้อนหรือประกายไฟ**" หมายถึง การดำเนินงานใดๆ ที่ก่อให้เกิดความร้อน หรือประกายไฟ เช่น งานตัด และเชื่อมโลหะ และการเจียรซึ่งทำให้เกิดประกายไฟ เป็นต้น

"**อุบัติเหตุถึงขั้นหยุดงาน** (Lost Time Injury - LTA)" หมายถึง การเกิดอุบัติเหตุจากการทำงานซึ่งทำให้ผู้ประสบเหตุบาดเจ็บหรือเจ็บป่วยถึงขั้นหยุดงานไม่สามารถมาปฏิบัติงานเป็นระยะเวลา 1 วัน หรือมากกว่า

"**อุบัติเหตุขั้นรับการรักษาทางการแพทย์** (Medical Treatment Case)" หมายถึง อุบัติเหตุจากการทำงานซึ่งทำให้ผู้ประสบเหตุบาดเจ็บหรือเจ็บป่วย และต้องได้รับการรักษาโดยแพทย์ หรือบุคลากรทางการแพทย์ผู้เชี่ยวชาญ

"**ขั้นตอนการปฏิบัติงาน** (Work Instruction)" หมายถึง รายละเอียดและขั้นตอนการดำเนินงานเพื่อให้งานสำเร็จลุล่วง โดยขั้นตอนการดำเนินงานดังกล่าวจะระบุแนวทางในการทำงาน ตลอดจนมาตรการในการควบคุมต่างๆ เพื่อให้เกิดความปลอดภัยแก่ผู้ปฏิบัติงาน

"**เหตุการณ์เกือบเกิดอุบัติเหตุ** (Near Miss)" หมายถึง เหตุการณ์ผิดปกติที่เกิดขึ้นอันเกือบทำให้เกิดการบาดเจ็บ หรือความเสียหายต่อทรัพย์สิน อย่างไรก็ตาม หากสถานการณ์แวดล้อมใดๆ เกิดการเปลี่ยนแปลงไป การบาดเจ็บหรือความเสียหายนั้นอาจสามารถเกิดขึ้นได้

"**ใบอนุญาตทำงาน**" หมายถึง ใบอนุญาตซึ่งออกโดยตัวแทนของผู้ว่าจ้าง สำหรับอนุญาตให้ผู้รับเหมาเข้าบริเวณโรงไฟฟ้า และเริ่มดำเนินงานตามขอบเขตงานที่ระบุไว้ในใบอนุญาตทำงาน

"**เอกสารข้อมูลความปลอดภัยสารเคมี** (Safety Data Sheet - SDS)" หมายถึง ข้อมูลด้านความปลอดภัยของสารเคมีที่นำมาใช้ในการดำเนินงาน

"**โรงไฟฟ้า**" หรือ "**สถานที่ทำงาน**" หมายถึง อาณาเขตโรงไฟฟ้าของกลุ่มบริษัทกัลฟ์

"**งาน**" หรือ "**การดำเนินงาน**" บรรดาการให้บริการ การดำเนินการ ภาระผูกพัน หน้าที่และความรับผิดชอบที่จำเป็นต่อการบรรลุผลสำเร็จของงานตามที่ผู้รับเหมาได้รับมอบหมายภายใต้สัญญา การตอบรับ คำสั่งงาน คำสั่งเพิ่มหรือลดงาน คำสั่งซื้อ หรือ

เอกสารหรือคำสั่งอื่นใด ไม่ว่าจะทำเป็นลายลักษณ์อักษรหรือโดยวาจาก็ตาม ทั้งนี้ งาน หรือการดำเนินงานนี้ให้หมายความรวมถึงการจัดหาแรงงาน และวัสดุอุปกรณ์อื่นๆ ที่เกี่ยวข้องกับงานนี้ด้วย

4. หน้าที่และความรับผิดชอบของผู้รับเหมา

4.1 ผู้รับเหมาต้องปฏิบัติตามคู่มือฉบับนี้อย่างเคร่งครัด ทั้งนี้ ข้อกำหนดที่ระบุไว้ในคู่มือฉบับนี้ เป็นเพียงมาตรฐานขั้นต่ำที่ผู้รับเหมาต้องปฏิบัติตามเท่านั้น อย่างไรก็ตามผู้รับเหมายังคงมีหน้าที่ในการดำเนินการอื่นใด เพื่อป้องกันการบาดเจ็บ และอุบัติเหตุใดๆ ที่เกี่ยวข้องกับงานที่ได้รับมอบหมายตามมาตรฐานทางวิชาชีพ และตามที่กฎหมายและระเบียบข้อบังคับใดๆ กำหนด ซึ่งรวมถึง แต่ไม่จำกัดเพียง พระราชบัญญัติความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. 2554 (และที่ได้มีการแก้ไขปรับปรุงเพิ่มเติม) มิเช่นนั้น ผู้ว่าจ้างมีสิทธิให้ผู้รับเหมาออกจากสถานที่ทำงานได้ ยุติการทำงานกับผู้รับเหมา ยกเลิกสัญญาหรือข้อตกลงกับผู้รับเหมา และ/หรือ ดำเนินการทางกฎหมาย หรือกฎระเบียบใดๆ ที่เกี่ยวข้องได้

4.2 ผู้รับเหมามีหน้าที่รับผิดชอบในการดำเนินงานด้านความปลอดภัยที่กำหนดไว้ให้บรรลุเป้าหมาย และต้องมั่นใจว่าผู้ปฏิบัติงานของผู้รับเหมามีความรู้ ความสามารถ และสามารถปฏิบัติงานให้สอดคล้องกับคู่มือฉบับนี้ หรือกฎหมายที่เกี่ยวข้องตลอดจนแผนงานการจัดการความปลอดภัยในการทำงานต่างๆ ตามที่ผู้รับเหมา และผู้ว่าจ้างกำหนดได้ตลอดเวลา

4.3 ผู้รับเหมาต้องแสดงถึงความมุ่งมั่นตั้งใจในการดำเนินงานความปลอดภัยในการทำงาน และต้องจัดทำนโยบายและมาตรฐานวิธีปฏิบัติงานด้านความปลอดภัยที่เป็นลายลักษณ์อักษร

4.4 ผู้รับเหมา ต้องให้รับการประเมินผลการดำเนินงานด้านความปลอดภัยจากผู้ว่าจ้างภายหลังดำเนินงานตามที่ได้รับมอบหมายเสร็จสิ้น ซึ่งผู้รับเหมาต้องให้ความร่วมมือเป็นอย่างดี และผลการประเมินนี้ สามารถนำไปพิจารณาเพื่อการว่าจ้างงานอื่นๆ ในอนาคต

4.5 ผู้รับเหมาต้องจัดประชุมความปลอดภัย (Toolbox Talk) ก่อนเริ่มดำเนินงาน ซึ่งรวมถึงการแจ้งข้อควรระวัง และวิธีป้องกันอันตรายจากการปฏิบัติงานในแต่ละวัน

4.6 ในกรณีที่ผู้ว่าจ้างอนุญาตให้ผู้รับเหมาจ้างช่วงงาน (ไม่ว่าทั้งหมดหรือบางส่วน) แก่บุคคลอื่น ผู้รับเหมาต้องนำส่งเอกสารที่จำเป็นต่างๆ และเอกสารการประเมินผลงานของผู้รับจ้างช่วงให้แก่ผู้ว่าจ้างพิจารณาก่อนการเริ่มปฏิบัติงานใดๆ โดยผู้รับเหมาต้องควบคุม และกำกับดูแลการดำเนินงานของบุคคลนั้น ทั้งนี้ ผู้รับเหมายังคงมีหน้าที่และความรับผิดชอบในงานที่ได้รับมอบหมายต่อผู้ว่าจ้างทุกประการ

4.7 ผู้รับเหมาต้องจัดเตรียมเอกสารใบรับรองคุณสมบัติ บันทึกการอบรมหรือใบรับรองการอบรมความปลอดภัยของผู้ปฏิบัติงานของผู้รับเหมาให้กับเจ้าหน้าที่ความปลอดภัยประจำโรงไฟฟ้า เช่น ใบรับรองการอบรมความปลอดภัยสำหรับลูกจ้าง ใบรับรองการอบรมความปลอดภัยผู้ปฏิบัติงานเกี่ยวกับไฟฟ้า ใบรับรองผ่านการอบรมการทำงานในที่อับอากาศ ใบรับรองแพทย์สำหรับการทำงานที่อับอากาศ ใบรับรองการอบรมความปลอดภัยในการทำงานบนที่สูง ใบรับรองการอบรมการปะกอบติดตั้งนั่งร้าน รายงานการทดสอบส่วนประกอบและอุปกรณ์สำหรับรถปั้นจั่น (ปจ 2) และข้อมูลสารเคมี เป็นต้น หรือเอกสารที่เกี่ยวข้องในการทำงานตามที่ผู้ว่าจ้างร้องขอทั้งนี้ให้ผู้รับเหมาส่งเอกสารดังกล่าวก่อนล่วงหน้าไม่น้อยกว่า 7 (เจ็ด) วัน

ก่อนเข้ารับการอบรม ในกรณีการดำเนินงานบำรุงรักษาโรงไฟฟ้าตามแผนประจำปี (Planned Outage Maintenance) ให้ดำเนินการอบรมความปลอดภัยล่วงหน้าอย่างน้อย 7 (เจ็ด) วันก่อนวันเริ่มเข้าดำเนินงาน ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้องในการขออนุญาตทำงานของผู้รับเหมา ตามเอกสารแนบ 1

4.8 ผู้รับเหมาต้องจัดให้มีการตรวจสอบความปลอดภัยในการทำงานเป็นประจำทุกวัน หรือตามที่เจ้าหน้าที่ความปลอดภัยโรงไฟฟ้าร้องขอ เพื่อให้ผู้ว่าจ้างมั่นใจว่าผู้รับเหมามีการปฏิบัติงานที่สอดคล้องตามคู่มือ ตลอดจนกฎหมายใดๆ ที่เกี่ยวข้อง ทั้งนี้ เมื่อผู้รับเหมา หรือผู้ปฏิบัติงานของผู้รับเหมาตรวจพบเหตุด้นตราย หรือความไม่ปลอดภัยใดๆ ผู้รับเหมาต้องแก้ไขเหตุนั้นภายในระยะเวลาตามที่ผู้ว่าจ้างกำหนดตามสมควร

4.9 ผู้รับเหมา ต้องตรวจสอบอุปกรณ์ และเครื่องมือของผู้รับเหมาที่ใช้ในการทำงานเป็นประจำทุกวันก่อนเริ่มงาน หรือเมื่อผู้ว่าจ้างกำหนด และให้แนบผลการตรวจสอบนั้นไว้กับใบอนุญาตทำงาน

4.10 ผู้รับเหมาจะต้องจัดให้มีเจ้าหน้าที่ความปลอดภัย เพื่อดูแลด้านความปลอดภัยตลอดระยะเวลาที่มีการดำเนินงาน ณ สถานที่ทำงาน โดยการจัดเจ้าหน้าที่ความปลอดภัยให้เพียงพอต่อลักษณะงานตามเงื่อนไขดังนี้

4.10.1 จำนวนผู้ปฏิบัติงาน

(ก) กรณีมีผู้ปฏิบัติงานในสถานที่ทำงานจำนวน 2 – 19 คน ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับหัวหน้างาน

(ข) กรณีมีผู้ปฏิบัติงานในสถานที่ทำงานจำนวน 20 – 49 คน ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับเทคนิค

(ค) กรณีมีผู้ปฏิบัติงานในสถานที่ทำงานจำนวน 50 – 99 คน ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับเทคนิคขั้นสูง

(ง) กรณีมีผู้ปฏิบัติงานในสถานที่ทำงานจำนวน 100 คนขึ้นไป ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับวิชาชีพ

เจ้าหน้าที่ความปลอดภัยทุกระดับต้องมีคุณสมบัติและขึ้นทะเบียนกับสำนักงานสวัสดิการคุ้มครองแรงงาน ตามที่กฎหมายกำหนด

โดยให้เจ้าหน้าที่ความปลอดภัย มีหน้าที่ดังนี้

1. มีอำนาจสั่งหยุดการทำงานได้ หากพบว่าการทำงานไม่ปลอดภัย
2. รับผิดชอบในการบริหารจัดการความปลอดภัยการทำงานผู้รับเหมา
3. ร่วมทำงานกับเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้า และร่วมตรวจสอบความปลอดภัยในการทำงานประจำวัน
4. จัดส่งรายงานความปลอดภัยประจำวันให้กับเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้า ซึ่งระบุรายละเอียดเกี่ยวกับการดำเนินงานด้านความปลอดภัยในการทำงาน รวมถึงสถิติความปลอดภัย เหตุการณ์เกือบเกิดอุบัติเหตุ (Near Miss) การปล่อยมลพิษ รายละเอียดจากการประชุมด้านความปลอดภัย (Toolbox Talk) และการแก้ไขใดๆ ซึ่งเกิดขึ้นจากการตรวจสอบด้านความปลอดภัยประจำวัน

5. ในระหว่างปฏิบัติหน้าที่ตรวจสอบด้านความปลอดภัย ห้ามรับผิดชอบหน้าที่อื่นนอกเหนือจากหน้าที่ดังกล่าว

4.10.2 ลักษณะงาน

(ก) กรณีงานที่มีอันตราย เช่น งานที่ก่อให้เกิดความร้อนหรือประกายไฟ งานไฟฟ้าแรงสูง การปฏิบัติงานกับสารเคมี งานบนที่สูง งานฉายรังสี งานขุด งานยก งานในที่อับอากาศ เป็นต้น

1) ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับหัวหน้างาน เจ้าหน้าที่ความปลอดภัยระดับเทคนิค เจ้าหน้าที่ความปลอดภัยระดับเทคนิคขั้นสูง หรือเจ้าหน้าที่ความปลอดภัยระดับวิชาชีพตามหลักเกณฑ์ที่ผู้ว่าจ้างกำหนด

2) กรณีงานที่ก่อให้เกิดความร้อนหรือประกายไฟ ต้องจัดให้มีผู้เฝ้าระวังไฟ (Fire Watch Man) ซึ่งต้องผ่านการอบรมหลักสูตรผู้เฝ้าระวังไฟ (Fire watch)

3) กรณีงานเชื่อมโลหะ ต้องส่งรายชื่อช่างเชื่อม พร้อมประวัติ ประสบการณ์การทำงาน รวมถึงใบรับรองงาน ด้านฝีมืองานเชื่อมต่างๆ เพื่อให้ผู้ว่าจ้างพิจารณาก่อนล่วงหน้า

4) กรณีงานติดตั้ง ตรวจสอบ บำรุงรักษาระบบเครื่องปรับอากาศ ต้องมีใบรับรองฝึกอบรมช่างเครื่องปรับอากาศ จากสถาบันหรือหน่วยงานที่ได้มาตรฐานยอมรับ

(ข) กรณีงานที่ต้องทำในที่อับอากาศ (Confined Space)

1) ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยระดับหัวหน้างาน หรือ เจ้าหน้าที่ความปลอดภัยระดับเทคนิค หรือ เจ้าหน้าที่ความปลอดภัยระดับเทคนิคขั้นสูง หรือเจ้าหน้าที่ความปลอดภัยระดับวิชาชีพ

2) ต้องจัดให้มีผู้เฝ้าระวังไฟ (Fire Watch Man) ซึ่งต้องผ่านการอบรมหลักสูตรผู้เฝ้าระวังไฟ (Fire watch) เมื่อต้องทำงานที่ก่อให้เกิดความร้อนหรือประกายไฟ

3) ต้องจัดให้มีผู้ควบคุมงานที่อับอากาศ (มีใบรับรองผ่านการอบรม และมีประกาศแต่งตั้งผู้ควบคุมงานที่อับอากาศ)

4) ต้องจัดให้มีผู้ปฏิบัติงานที่อับอากาศ (มีใบรับรองผ่านการอบรม และมีประกาศแต่งตั้งผู้ปฏิบัติงานที่อับอากาศ)

5) ต้องจัดให้มีผู้ช่วยเหลือหรือผู้เฝ้าระวังงานที่อับอากาศ (มีใบรับรองผ่านการอบรม และมีประกาศแต่งตั้งผู้ช่วยเหลืองานที่อับอากาศ)

5. ข้อกำหนดทั่วไป

5.1 ข้อกำหนดการรักษาความปลอดภัย

(ก) ห้ามเข้าพื้นที่สถานที่ทำงานก่อนได้รับอนุญาต

(ข) ให้ใช้ถนน ประตูทางเข้า-ออกโรงไฟฟ้า/ อาคาร ที่ได้รับอนุญาตเท่านั้น

(ค) เมื่อเข้า-ออกโรงไฟฟ้า เจ้าหน้าที่รักษาความปลอดภัย (รปภ) ของโรงไฟฟ้ามีสิทธิขอตรวจค้นยานพาหนะ และทรัพย์สินของผู้รับเหมาได้ ตลอดจนขอเรียกดูตรวจสอบ บัตรประชาชน ใบขับขี่ หรือหนังสือเดินทาง เพื่อใช้ลงทะเบียนการเข้าใช้สถานที่แก่ผู้รับเหมา

(ง) ผู้รับเหมาต้องกรอกแบบฟอร์มขออนุญาตนำรายการวัสดุอุปกรณ์ และเครื่องมือเข้าพื้นที่โรงไฟฟ้า และนำส่งให้แก่ผู้ว่าจ้างตรวจสอบก่อนนำวัสดุอุปกรณ์ และเครื่องมือดังกล่าวเข้าพื้นที่โรงไฟฟ้า และผู้รับเหมาต้องจัดเก็บและล็อครัดดุอุปกรณ์ และเครื่องมือนั้นในพื้นที่ที่กำหนดไว้เท่านั้น เพื่อป้องกันการสูญหายและการนำไปใช้โดยไม่ได้รับอนุญาต

5.2 ข้อกำหนดด้านยานพาหนะ

(ก) ต้องจอดยานพาหนะ ในบริเวณพื้นที่ที่กำหนดเท่านั้น

(ข) ห้ามจอดยานพาหนะกีดขวางหัวจ่ายน้ำดับเพลิง อุปกรณ์ดับเพลิงใดๆ หรืออุปกรณ์ควบคุมเหตุฉุกเฉิน

(ค) ต้องใช้ยานพาหนะขนถ่ายวัสดุหรืออุปกรณ์ในระยะเวลาที่กำหนดเท่านั้น

(ง) ในกรณีต้องมีการใช้งานยานพาหนะพิเศษ หรือเครื่องจักรใดๆ เพื่อใช้ปฏิบัติงาน ต้องดำเนินการแจ้งผู้ว่าจ้างให้ทราบล่วงหน้า เพื่อให้ผู้ว่าจ้างจัดหาพื้นที่จอดที่เหมาะสม

(จ) ในกรณีผู้รับเหมาฝ่าฝืนกฎระเบียบใดๆ ตามข้อ 5.2 นี้ ผู้ว่าจ้างมีสิทธิเคลื่อนย้ายยานพาหนะของผู้รับเหมาออกจากบริเวณโรงไฟฟ้า โดยผู้รับเหมาต้องรับผิดชอบค่าใช้จ่ายใดๆ ที่เกิดขึ้น (หากมี)

5.3 ข้อกำหนดด้านการพยาบาล

(ก) ผู้รับเหมาต้องจัดเตรียม ยา เวชภัณฑ์สำหรับการปฐมพยาบาลเบื้องต้นที่จำเป็นสำหรับผู้ปฏิบัติงานของผู้รับเหมา

(ข) กรณีเหตุการณ์เจ็บป่วยแรง ผู้รับเหมาต้องรายงานเหตุนั้นให้ทางเจ้าหน้าที่ความปลอดภัยโรงไฟฟ้าทราบโดยทันที

(ค) ในกรณีต้องติดต่อขอความช่วยเหลือทางการแพทย์จากหน่วยงานภายนอก ผู้รับเหมาต้องติดต่อประสานงานผ่านเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้า เพื่อวัตถุประสงค์ในการดำเนินการความละเอียดต่างๆ ที่เกี่ยวข้องแก่หน่วยงานดังกล่าว

5.4 ข้อกำหนดด้านความสะอาดและความเป็นระเบียบเรียบร้อย

(ก) ห้ามสูบบุหรี่ในบริเวณโรงไฟฟ้า เว้นแต่ในบริเวณที่ระบุว่าเป็น "พื้นที่สูบบุหรี่" ตามที่ได้รับแจ้งจากเจ้าหน้าที่ความปลอดภัยประจำโรงไฟฟ้า ณ วันที่จัดการอบรมด้านความปลอดภัยก่อนเริ่มงานเท่านั้น

(ข) ผู้รับเหมาต้องดูแลรักษาความสะอาด และความเป็นระเบียบเรียบร้อยของพื้นที่ปฏิบัติงาน

(ค) เมื่อดำเนินงานแล้วเสร็จ ผู้รับเหมาต้องส่งคืนพื้นที่ปฏิบัติงานให้แก่โรงไฟฟ้าในสภาพที่เรียบร้อยตามเงื่อนไขที่ผู้ว่าจ้างกำหนด

5.5 ข้อกำหนดด้านเครื่องแบบ การแต่งกาย และอุปกรณ์ป้องกันอันตราย

(ก) ผู้ปฏิบัติงานของผู้รับเหมาต้องสวมใส่เครื่องแต่งกายที่เหมาะสม และปลอดภัยสำหรับการทำงาน ให้ใส่เสื้อแขนยาว กางเกงขายาว มิดชิด

(ข) ผู้รับเหมาต้องสวมใส่รองเท้าที่เหมาะสมในการทำงาน รองเท้านิรภัยต้องสวมใส่ตลอดเวลาที่ปฏิบัติงาน ทั้งนี้ ไม่อนุญาตให้ใส่รองเท้าแตะในพื้นที่โรงไฟฟ้า

(ค) ผู้รับเหมามีหน้าที่ตรวจสอบว่าอุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ที่ระบุในระหว่างการประเมินความเสี่ยงทั่วไปนั้นพร้อมใช้งาน และผู้ปฏิบัติงานของผู้รับเหมาได้สวมใส่อุปกรณ์นั้นให้เหมาะสมกับประเภทและชนิดของงาน ตลอดระยะเวลาที่ทำงาน ทั้งนี้ ผู้ปฏิบัติงานดังกล่าวต้องได้รับการฝึกอบรมอย่างเหมาะสมเกี่ยวกับการใช้งาน การบำรุงรักษา และการจัดเก็บ และรักษาอุปกรณ์ป้องกันอันตรายส่วนบุคคลนั้นอย่างเหมาะสม ตัวอย่างรายการอุปกรณ์ป้องกันอันตรายส่วนบุคคลปรากฏตามเอกสารแนบ 2

(ง) ผู้รับเหมาต้องใช้อุปกรณ์ป้องกันอันตรายต่อดวงตาเมื่อต้องปฏิบัติงานที่มีความเสี่ยงต่อการบาดเจ็บจากดวงตา เช่น แว่นตานิรภัยชนิดมีกระบังข้าง กระบังหน้า(Face shield) แว่นครอบตากันสารเคมี แว่นตาหรือหน้ากากงานเชื่อม

(จ) ผู้รับเหมาต้องสวมหมวกนิรภัยในการทำงานตลอดเวลา เพื่อป้องกันอันตรายที่อาจเกิดขึ้นจากวัตถุสิ่งของตกส่วงใส่ ศีรษะไกระแทกจนของแข็งหรือสิ่งแหลมคม ห้ามสวมหมวกนิรภัยกับข้อบหมวกใดๆ (ยกเว้นงานเชื่อม) ห้ามเก็บวัสดุอุปกรณ์ใดๆ ในร่องระหว่างของในหมวก กับหมวกนิรภัยซึ่งจะส่งผลให้ประสิทธิภาพการป้องกันอันตรายลดลง

5.6 ข้อกำหนดด้านการควบคุมแหล่งพลังงาน

เพื่อป้องกันการรั่วไหลของพลังงาน หรือการเคลื่อนย้ายพลังงานโดยไม่ตั้งใจซึ่งอาจทำให้เกิดอันตรายแก่ผู้ปฏิบัติงานที่ต้องทำงาน ตรวจสอบ การซ่อมบำรุง และ/หรืองานในลักษณะอื่นใดที่ต้องเกี่ยวข้องกับเครื่องจักรหรืออุปกรณ์ต่างๆ ที่มีแหล่งจ่ายพลังงาน เช่น ไฟฟ้า สารเคมี ไอน้ำ ก๊าซไวไฟ ฯลฯ ผู้รับเหมาและผู้ปฏิบัติงานของผู้รับเหมาจึงต้องปฏิบัติตาม มาตรฐาน ระบบล็อคและระบบป้ายเตือน (Lock-Out / Tag-Out) ในการปฏิบัติงานด้วย โดยหัวหน้างานผู้รับเหมาต้องทำการตรวจสอบและทบทวนการทำ Lock-Out Tag-Out ร่วมกับผู้ควบคุมงานโรงไฟฟ้า เพื่อให้มั่นใจว่าเครื่องจักรหรืออุปกรณ์ หรือแหล่งจ่ายพลังงานดังกล่าวนั้น ได้ถูกควบคุมไว้และไม่สามารถใช้งานได้ในระหว่างที่ยังไม่ปลดล็อค และ/หรือถูกปลดป้ายเตือนออก ในขณะที่ผู้รับเหมากำลังปฏิบัติงานอยู่

โดยขั้นตอนการใช้ระบบล็อค และระบบป้ายเตือน (Lock-Out / Tag-Out) เป็นดังนี้

(1) ชี้บ่งอันตรายของเครื่องจักรหรืออุปกรณ์ที่จะทำการตรวจสอบ/ ซ่อมบำรุง/หรืออันตรายใดๆที่อาจจะเกิดขึ้น

(2) ปิดเครื่องจักรหรืออุปกรณ์ ซึ่งเครื่องจักรหรืออุปกรณ์นั้นต้องอยู่ในลักษณะหยุดนิ่ง ไม่ก่อให้เกิดอันตรายต่อผู้ปฏิบัติงาน

(3) ตัดแยกแหล่งพลังงานของเครื่องจักร เช่น ปิดเบรกเกอร์ สวิตช์ วาล์วต่างๆ เป็นต้น

(4) ทำการล็อกโดยใช้กุญแจ และทำป้ายเตือน ซึ่งจะต้องติดกับตัวอุปกรณ์ที่ทำการตัดแยกระบบพลังงาน

(5) หลังจากตัดแยกแหล่งพลังงานแล้ว ต้องพิจารณาว่าไม่มีพลังงานที่ถูกสะสมหรือตกค้างเหลือภายในเครื่องจักรหรืออุปกรณ์นั้นๆ

(6) ห้ามบุคคลที่ไม่ได้รับอนุญาตปลดล็อค และปลดป้ายเตือนเป็นอันขาด

5.7 ข้อกำหนดด้านการจัดการของเสียและวัสดุที่ไม่ใช้แล้ว

ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานของผู้รับเหมาดำเนินการจัดการของเสียและวัสดุที่ไม่ใช้แล้วใดๆ ที่เกิดจากการดำเนินงานอย่างเหมาะสม โดยก่อนเริ่มดำเนินงาน ผู้รับเหมาต้องคาดการณ์ถึงประเภท และปริมาณของเสียที่อาจเกิดขึ้นจากการดำเนินงาน ตลอดจนวิธีการรวบรวม จัดเก็บ และขนส่งของเสียนั้นที่เหมาะสม

ผู้รับเหมาต้องมีมาตรการจัดแยกประเภทของเสียอันตราย และของเสียไม่อันตรายอย่างชัดเจน และแยกจัดเก็บของเสียแต่ละประเภทในภาชนะบรรจุที่มีขนาดเหมาะสม ได้คุณภาพ และไม่มีการรั่วไหล ติดฉลากระบุของเสียที่บรรจุในภาชนะ ปิดฝาภาชนะนั้นอย่างมิดชิด และประสานงานกับผู้ควบคุมงานและเจ้าหน้าที่ความปลอดภัยโรงไฟฟ้า เพื่อดำเนินการจัดการของเสียนั้นต่อไป ทั้งนี้ ห้ามวางภาชนะบรรจุของเสียใกล้รางระบายน้ำฝนหรือระบบระบายน้ำของโรงไฟฟ้าโดยเด็ดขาด

ทั้งนี้ ตัวอย่างการจัดการของเสียและวัสดุที่ไม่ใช้แล้วปรากฏตามเอกสารแนบ 3

5.8 ข้อกำหนดด้านสิ่งแวดล้อม

ผู้รับเหมาต้องปฏิบัติตามกฎหมาย ข้อบังคับ มาตรฐานการทำงาน รวมถึงนโยบายด้านสิ่งแวดล้อมของบริษัทฯ ดังนี้

5.8.1 ภาชนะบรรจุวัตถุอันตราย สารเคมี หรือน้ำมัน ที่นำเข้ามาใช้ในโรงไฟฟ้าต้องจัดเตรียมอุปกรณ์ เก็บกักสารเคมี (Secondary Containment) เพื่อป้องกันการหกรั่วไหลของสารเคมีปนเปื้อนต่อสิ่งแวดล้อม ซึ่งระบบเก็บกักต้องมีปริมาตรรองรับปริมาณสารเคมีทั้งหมดได้เพียงพอ ภาชนะ อุปกรณ์เก็บกักดังกล่าวต้องมีการตรวจสอบเป็นประจำ และท่อระบายของอุปกรณ์เก็บกักดังกล่าวต้องปิดไว้ตลอดเวลาที่มีการใช้งาน ห้ามจัดวางภาชนะบรรจุสารเคมี ใกล้รางระบายน้ำฝนหรือระบบระบายน้ำของโรงไฟฟ้า

5.8.2 รายงานเหตุการณ์รั่วไหล หรืออุบัติเหตุด้านสิ่งแวดล้อมต่อเจ้าหน้าที่ความปลอดภัยโรงไฟฟ้าทราบโดยทันที และดำเนินการควบคุมการหกรั่วไหล ทำความสะอาดพื้นที่หกรั่วไหล และปฏิบัติตามขั้นตอนการควบคุมเหตุฉุกเฉินที่กำหนดไว้

6. ข้อกำหนดเฉพาะ

6.1 กรณีงานที่ต้องทำในที่อับอากาศ (Confined Space)

(ก) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎกระทรวงกำหนดมาตรฐานในการบริหารและการจัดการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานในที่อับอากาศ พ.ศ. 2562 (และที่ได้มีการปรับแก้ไขเพิ่มเติม) ตลอดจนกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้อง

(ข) ผู้ปฏิบัติงานที่ต้องปฏิบัติงานในที่อับอากาศจะต้องมีสุขภาพร่างกายที่แข็งแรง ได้รับใบอนุญาตทำงานที่ถูกต้อง และแสดงใบอนุญาตนั้นทุกครั้งเมื่อเริ่มดำเนินงาน ตลอดจนสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลก่อนเริ่มปฏิบัติงาน

(ค) ก่อนเริ่มปฏิบัติงาน 7 วัน ผู้ปฏิบัติงาน ต้องนำส่งใบรับรองการฝึกอบรมความปลอดภัยในการทำงานในที่อับอากาศ และใบรับรองแพทย์ (อายุไม่เกิน 6 เดือนนับจากวันที่ออก) ต่อผู้ควบคุมงานและเจ้าหน้าที่ความปลอดภัยโรงไฟฟ้า

(ง) ห้ามไม่ให้บุคคลใดที่ไม่เกี่ยวข้องกับการปฏิบัติงาน เข้าไปในพื้นที่ปฏิบัติงานที่อับอากาศ พร้อมทั้งดำเนินการติดตั้งป้ายเตือน "ที่อับอากาศ อันตราย ห้ามเข้า"

(จ) ก่อนเริ่มปฏิบัติงาน และระหว่างที่ปฏิบัติงานในที่อับอากาศ ผู้ปฏิบัติงานต้องตรวจวัด บันทึกผลการตรวจวัด และประเมินสภาพอากาศในที่อับอากาศ เช่น ปริมาณออกซิเจน ก๊าซไวไฟ (LEL) ไฮโดรเจนซัลไฟด์ (H_2S) ซัลเฟอร์ไดออกไซด์ (SO_2) ก๊าซคาร์บอนมอนอกไซด์ (CO) รวมถึงสารเคมีและสิ่งปนเปื้อนในสถานที่อับอากาศที่อาจส่งผลให้เกิดการขาดออกซิเจน การระเบิด และอากาศที่เป็นพิษ โดยผู้ปฏิบัติงานต้องแสดงบันทึกนั้นให้แก่ผู้ว่าจ้างตรวจสอบเมื่อได้รับการร้องขอ

(ฉ) ต้องจัดให้มีผู้ช่วยเหลือ (ผู้ที่ผ่านการอบรมการทำงานที่อับอากาศ) คอยดูแล และเฝ้าที่ปากทางเข้า ออกสถานที่อับอากาศ ตลอดเวลา และสามารถติดต่อสื่อสารกับผู้ปฏิบัติงานในสถานที่อับอากาศได้ พร้อมมีอุปกรณ์ช่วยชีวิตที่เหมาะสม ตามลักษณะของงาน และคอยให้ความช่วยเหลือผู้ปฏิบัติงานได้ทันทีตลอดเวลาการทำงาน

(ช) ในการปฏิบัติงานในสถานที่อับอากาศและมีการปฏิบัติงานที่เกี่ยวข้องกับท่อก๊าซ งานเชื่อมแก๊ส และงานที่ก่อให้เกิดความร้อนจะต้องดำเนินการจัดให้มีการติดตั้งพัดลมระบายอากาศตลอดเวลา

(ซ) งานที่ก่อให้เกิดความร้อนหรือประกายไฟต้องจัดให้มีผู้เฝ้าระวังไฟ (Fire Watchman) ก่อนเริ่มงาน

(ฌ) ก่อนดำเนินการใดๆ ที่ก่อให้เกิดความร้อน หรือประกายไฟ ให้ดำเนินการตรวจวัดปริมาณออกซิเจน และก๊าซไวไฟก่อนทุกครั้ง และดำเนินการขอใบอนุญาตทำงานที่มีอันตราย (Hazardous Work Permit)

6.2 กรณีงานที่ก่อให้เกิดความร้อนหรือประกายไฟ

(ก) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้องกับการปฏิบัติงานที่ก่อให้เกิดความร้อนหรือประกายไฟ

(ข) ผู้เฝ้าระวังไฟที่ต้อง ดำเนินการ ดูแลงานที่ก่อให้เกิดความร้อนหรือประกายไฟ ต้องได้รับใบรับรองการฝึกอบรม และใบอนุญาตทำงานที่ถูกต้อง และแสดงใบอนุญาตนั้นทุกครั้งเมื่อเริ่มดำเนินงาน ตลอดจนสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลก่อนเริ่มปฏิบัติงาน

(ค) ห้ามมิให้ปฏิบัติงานที่ก่อให้เกิดความร้อนหรือประกายไฟ โดยไม่มีผู้เฝ้าระวังไฟอยู่ด้วย

(ง) ห้ามกระทำการใดๆ ที่ก่อให้เกิดไอระเหยสารไวไฟ หรือ ฝุ่นที่ติดไฟระหว่างที่มีการปฏิบัติงานเกี่ยวกับความร้อน

(จ) ผู้รับเหมาต้องเตรียมถังดับเพลิงชนิดผงเคมีแห้ง (ความสามารถดับไฟอย่างน้อย 6A20B) ของผู้รับเหมาเองและสภาพพร้อมใช้งาน ไว้ในพื้นที่ที่ปฏิบัติงาน

(ฉ) นำสิ่งที่ติดไฟได้ทั้งหมดออกจากพื้นที่ที่ปฏิบัติงาน หรือให้เคลื่อนย้ายวัสดุดังกล่าวออกห่างจากจุดที่ทำงานที่มีประกายไฟหรือความร้อน (Hot work) อย่างน้อย 10เมตร หรือ ทั้งนี้ให้ใช้ผ้ากันไฟหรือวัสดุควบคุมสะเก็ดไฟ หรือ ลูกไฟ ปิดคลุมสะเก็ดไฟให้อยู่ในพื้นที่จำกัด

(ช) ก่อนเริ่มปฏิบัติงาน และตลอดระยะเวลาที่ปฏิบัติงานที่ก่อให้เกิดความร้อนหรือประกายไฟ ผู้ปฏิบัติงานต้องตรวจวัด และติดตามปริมาณก๊าซไวไฟ (LEL) ให้ไม่เกิน 10%

(ซ) งานเชื่อมก๊าซจะต้องมีการติดตั้งอุปกรณ์กันเปลวไฟย้อนกลับ (Flashback Arrestors) ที่มีมาตรฐาน ดังนี้ ISO5175 หรือ EN730-1 โดยติดตั้งที่ด้านออกจากอุปกรณ์ปรับแรงดันก๊าซ(Regulator)ของก๊าซเชื้อเพลิง และก๊าซออกซิเจน และติดตั้งวาล์วกันย้อนกลับ(Non-return valve) ไว้ที่หัวตัด หัวเผา หรือหัวเชื่อมทั้งสองสายก๊าซ โดยอ้างอิงข้อกำหนดของกรมโรงงานอุตสาหกรรม ตามเอกสารแนบ 4

6.3 กรณีงานที่ใช้รถยก รถบรรทุก และอุปกรณ์ช่วยยก เช่น สลิง ยก

(ก) ผู้รับเหมาต้องปฏิบัติ และดำเนินการให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้องกับงานที่ใช้รถบรรทุก รถบรรทุก และอุปกรณ์ช่วยยก ตลอดจนปฏิบัติตามเงื่อนไขและวิธีการที่ปรากฏตามเอกสารแนบ 5

(ข) ผู้รับเหมาที่ต้องปฏิบัติงานที่เกี่ยวข้องกับงานที่ใช้รถบรรทุก รถบรรทุก และอุปกรณ์ช่วยยก ต้องได้รับใบรับรองการฝึกอบรม และใบอนุญาตทำงานที่ถูกต้อง และแสดงใบอนุญาตนั้นทุกครั้งเมื่อเริ่มดำเนินงาน ตลอดจนสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลก่อนเริ่มปฏิบัติงาน

(ค) ผู้รับเหมาจะต้องทราบ และปฏิบัติตามขั้นตอนการยกและเคลื่อนย้ายวัตถุด้วยปั้นจั่น (Crane) อย่างเคร่งครัด ห้ามปฏิบัติงานข้ามขั้นตอนใดๆ เด็ดขาด และนอกจากขั้นตอนในการทำงานแล้ว จะต้องจัดเตรียมและฝึกซ้อมขั้นตอนการปฏิบัติเมื่อเกิดเหตุฉุกเฉินเพื่อลดความรุนแรง หากเกิดอุบัติเหตุขึ้น

(ง) ผู้รับเหมา ต้องมีความรู้ความสามารถในการควบคุม และสามารถใช้สัญญาณมือในการเคลื่อนย้ายวัสดุได้

(จ) ผู้รับเหมาต้องตรวจสอบสภาพแวดล้อมพื้นที่ปฏิบัติงานยก หรืองานที่ต้องใช้ปั้นจั่น ปัจจัยอื่นที่เกี่ยวข้อง เพื่อจัดทำแผนการยก (Lifting plan) ตามลักษณะความเสี่ยงของงานยก โดยจัดทำแผนการยกทั่วไป เมื่อประเมินแล้วมีความเสี่ยงต่ำ(Routine lift) ตามตัวอย่างแผนการยกทั่วไป ที่ปรากฏใน เอกสารแนบ 6 หรือจัดทำแผนการยกวิกฤติ เมื่อประเมินแล้วมีความเสี่ยงสูง โดยเงื่อนไขการชี้บ่งและจัดทำแผนการยก เป็นไปตามข้อกำหนดของโรงไฟฟ้า กลุ่มกัลฟ์ คือ

งานยกทั่วไป

- ยกวัสดุสิ่งของที่มีน้ำหนักน้อยกว่า 25 ตัน
- ยกวัสดุสิ่งของที่มีน้ำหนักน้อยกว่าร้อยละ 75 ของพิกัดยกอย่างปลอดภัย
- งานยกทั้งหมดที่ไม่เข้าข่ายเป็นงานยกที่มีความเสี่ยงสูง

งานยกวิกฤติ

- ยกวัสดุสิ่งของที่มีน้ำหนักตั้งแต่ 25 ตันขึ้นไป
- ยกวัสดุสิ่งของที่อาจเกิดการเปลี่ยนแปลงของจุดศูนย์ถ่วงของวัสดุสิ่งของที่ทำการยก
- ยกวัสดุสิ่งของในระยะไกลหรือสูง โดยต้องต่อ Jib boom
- ยกวัสดุสิ่งของข้ามท่อ อุปกรณ์หรือเครื่องจักรที่กำลังทำงานอยู่
- ยกวัสดุสิ่งของที่ต้องใช้รถเครน 2 คัน หรือมากกว่า ร่วมกันยกชิ้นงานเดียวกัน
- ยกวัสดุสิ่งของที่อาจเกิดการระเบิดหรืออุบัติภัยร้ายแรง
- ยกกระเช้าสำหรับขนส่งผู้โดยสาร
- ยกวัสดุสิ่งของที่มีน้ำหนักมากกว่าร้อยละ 75 ของพิกัดยกอย่างปลอดภัย
- ยกวัสดุสิ่งของในพื้นที่การผลิตที่มีความอ่อนไหวสูงไม่สามารถปิดชาเครนได้สุด
- ยกวัสดุสิ่งของใกล้สายส่งไฟฟ้าแรงสูง (ESMS : General electrical safety)
- ยกวัสดุสิ่งของบนพื้นที่ที่มีโอกาสลุยตัว

(ฉ) ผู้รับเหมาต้องทราจสอบเครื่องจักรที่จะนำมาใช้ยก/เคลื่อนย้ายวัตถุอย่างละเอียด โดยการตรวจสอบด้วยสายตา และการตรวจสอบจากผลการทดสอบต่างๆ ตามที่กฎหมายกำหนด เพื่อตรวจความพร้อมก่อนการใช้งาน และออกใบรับรองที่เกี่ยวข้อง เช่น รายงาน ปจ 1 หรือ รายงาน ปจ. 2 หากมีสิ่งผิดปกติไม่พร้อมใช้งาน ต้องสั่งหยุดทำงานและแก้ไข หรือเปลี่ยนอุปกรณ์นั้นทันที

(ช) ผู้รับเหมาต้องเข้าพื้นที่ๆจะทำงานยก(Site survey) เพื่อตรวจสอบสภาพพื้นที่ๆจะยก สภาพแวดล้อมใกล้เคียง เช่น อาคาร เครื่องจักร สิ่งกีดขวางใดๆ ระยะห่างจุดจอดปั้นจั่นถึงอุปกรณ์ที่จะยก รู้น้ำหนักของที่จะยก และไม่ยกของเกินน้ำหนักที่เครื่องจักรสามารถยกระยะนั้นได้ ตามมาตรฐานที่กำหนดไว้ เป็นต้น

(ซ) ก่อนทำการยกของหรือชิ้นงานนั้น ต้องตรวจสอบอุปกรณ์ช่วยยก เช่น รอกโซ่ สภาพของสลิง อุปกรณ์จับยึดตะขอ หรืออุปกรณ์ต่อพ่วงใดๆ ว่าอยู่ในสภาพที่ปลอดภัยและพร้อมใช้งาน หากพบว่าสลิง อุปกรณ์จับยึดตะขอ หรืออุปกรณ์ต่อพ่วงดังกล่าวมีรอยร้าว ชำรุด หรือพบความเสียหายใดๆ ต้องดำเนินการเปลี่ยนให้เสร็จเรียบร้อยก่อนนำไปใช้งาน

(ฌ) ต้องมีการใช้เชือกหรือสลิง (Tagline) ในการควบคุมบังคับทิศทางการหมุนหรือแกว่งตัวของชิ้นยก

(ญ) ต้องกั้นพื้นที่และแจ้งให้ผู้ที่ไม่เกี่ยวข้องกับการทำงานคลาดจากพื้นที่ทำงานก่อนที่จะมีการยก และห้ามบุคคลใดอยู่ใต้ของที่ทำการยกหรือแขวนลอยอยู่โดยเด็ดขาด

(ฎ) ในกรณีที่ปั้นจั่นจำเป็นต้องเคลื่อนที่ ผู้ควบคุมหน้างานต้องดูรัศมีที่ปั้นจั่นจะหมุนไป และมั่นใจว่าไม่มีสิ่งกีดขวางหรือเป็นอันตรายต่อผู้ที่ทำงาน เพราะผู้รับรถปั้นจั่นอาจไม่สามารถมองเห็นทัศนวิสัยรอบข้างได้ชัดเจน

6.4 กรณีงานที่ต้องใช้นั่งร้าน/ บันได

(ก) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎกระทรวง กำหนดมาตรฐานในการบริหารจัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับงานก่อสร้าง พ ศ 2564 และกฎกระทรวง กำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับนั่งร้าน และค้ำยัน พ ศ 2564 (และที่ได้มีการปรับปรุงแก้ไขเพิ่มเติม) ตลอดจนกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้อง

(ข) ต้องสร้าง ประกอบ ติดตั้ง และตรวจสอบนั่งร้าน/ บันไดให้เป็นไปตามหลักเกณฑ์และวิธีการที่กฎหมายกำหนด โดยสภาพนั่งร้านที่ถูกต้อง และเหมาะสมต้องสอดคล้องตามที่ปรากฏในเอกสารแนบ 6

(ค) นั่งร้านต้องได้รับการออกแบบโดยผู้มีความรู้ความสามารถ (วิศวกรโยธา) ซึ่งมี ใบอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ตามพระราชบัญญัติวิศวกรรม พ.ศ. 2542 โดยตัวอย่างการคำนวณการออกแบบนั่งร้านปรากฏตามเอกสารแนบ 7

(ง) ผู้ปฏิบัติงานต้องสวมใส่อุปกรณ์ ป้องกันอันตรายส่วนบุคคลสำหรับงานบนที่สูงที่เหมาะสม เช่น สวมใส่สายรัดแบบเต็มตัว และคล้องเกี่ยวกับจุดยึด เมื่อใดก็ตามที่ทำงานสูงเกิน 6 ฟุตหรือ 1.8 เมตร หรือพื้นที่ทำงานไม่ได้รับการป้องกันด้วยราวกันตก

(จ) นั่งร้านต้องมีการติดป้ายบ่งบอกสถานะการใช้งาน ซึ่งปรากฏรายละเอียดตามเอกสารแนบ 8 โดยป้ายจะมี 2 ประเภท ได้แก่

- ป้ายสีเขียว หมายถึง นั่งร้านหรือบันไดที่ได้รับการตรวจสอบและปลอดภัยสำหรับการใช้งาน ซึ่งงานป้ายนั้นจะมีข้อความกำกับว่า *"ปลอดภัยสำหรับการใช้งาน"*
- ป้ายสีแดง หมายถึง นั่งร้านหรือบันไดที่ไม่พร้อมต่อการใช้งาน ซึ่งบนป้ายนั้นจะมีข้อความกำกับว่า *"ไม่ปลอดภัยสำหรับการใช้งาน"*

6.5 เรื่องที่ต้องให้ทำงานกับการขนระบรรจุก๊าซความดัน

(ก) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบ หรือแนวทางการปฏิบัติใดๆ ที่เกี่ยวข้องกับการทดสอบด้วยแรงดัน

(ข) ลิ้นการขนระบรรจุก๊าซ (Cylinder Valve) ต้องเป็นไปตามมาตรฐานผลิตภัณฑ์อุตสาหกรรม ทั้งนี้ หากยังมิได้มีการกำหนดไว้ ให้ถือตามมาตรฐานสากล เช่น ข้อกำหนดของ CGA, BS, DIN, JIS เป็นต้น หรือตามมาตรฐานอื่นใดที่เป็นไปตามกฎหมายกำหนด

(ค) ข้อต่อลิ้นการขนระบรรจุก๊าซ (Valve Connections) ต้องเป็นไปตามมาตรฐานผลิตภัณฑ์อุตสาหกรรม ทั้งนี้ หากยังมิได้มีการกำหนดไว้ ให้ถือตามมาตรฐานสากล เช่น ข้อกำหนดของ CGA เป็นต้น

(ง) การขนระบรรจุก๊าซความดัน (Cylinder) ต้องมีสภาประกับทดสอบด้วยแรงดันน้ำ (Hydrostatic Test) ซึ่งผลการทดสอบต้องไม่เกิน 5 ปี ตามกฎกระทรวงว่าด้วยการจัดการอุตสาหกรรมว่าด้วยการเก็บรักษา การขนส่ง และการเติม พ.ศ. 2549 และ มอก 358-2565

6.6 กรณีงานที่ต้องเกี่ยวข้องกับสารเคมี

(ก) หากผู้รับเหมามีการใช้สารเคมี และ/หรือ สารเคมีที่ทำลายโอโซนหรือปลดปล่อยก๊าซเรือนกระจก ผู้รับเหมาต้องแจ้งชื่อและปริมาณที่จะต้องใช้งานต่อผู้ว่าจ้างก่อนเริ่มทำงาน

(ข) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้องกับการใช้สารเคมี ตลอดจนได้รับการฝึกอบรมอย่างถูกต้องเกี่ยวกับการใช้สารเคมีอย่างปลอดภัยและการกำจัดวัตถุอันตราย หรือสารเคมีใดๆ ที่เกี่ยวข้องกับงาน รวมถึงสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ที่เหมาะสม ตามประเภทของสารเคมี หรือวัตถุอันตรายที่นำมาใช้งาน โดยอ้างอิง ข้อมูลความปลอดภัยของสารเคมี (SDS)

(ค) สารเคมีทั้งหมดที่ใช้ในการดำเนินงานจะต้องนำไปเป็นปัจจัยในการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis - JSA) ด้วย

(ง) สารเคมีและวัตถุอันตรายอื่นๆ จะต้องมีฉลากระบุชื่อสารเคมีหรือวัสดุนั้นอย่างถูกต้อง ตลอดจนคุณสมบัติและอันตรายจากสารเคมีและวัตถุอันตรายนั้น

(จ) เมื่อดำเนินงานสิ้นสุดลง ผู้รับเหมาต้องนำสารเคมีและวัตถุอันตรายออกจากพื้นที่โรงไฟฟ้า เว้นแต่สารเคมีและวัตถุอันตรายเป็นส่วนหนึ่งของงานที่ต้องส่งมอบ

(ฉ) เอกสารข้อมูลความปลอดภัยสารเคมี (Safety Data Sheet - SDS) จะต้องมีจัดเก็บไว้ที่สถานที่ทำงาน ซึ่งผู้ว่าจ้างมีสิทธิขอเรียกตรวจสอบได้

(ช) สารเคมีที่เก็บรวมเหลวทั้งหมดต้องมีอุปกรณ์ป้องกันการหกรั่วไหลปนเปื้อน (secondary containment) และห้ามใช้ภาชนะบรรจุน้ำดื่มเพื่อจัดเก็บสารเคมี

6.7 กรณีทำงานกับอุปกรณ์และระบบไฟฟ้า

(ก) ผู้รับเหมาต้องปฏิบัติ และควบคุมดูแลให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้องกับการใช้ไฟฟ้า ตลอดจนได้รับการฝึกอบรมอย่างถูกต้อง รวมถึงสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ที่สอดคล้องต่อลักษณะงาน และอันตรายจากการประเมินความเสี่ยงที่กำหนดไว้

(ข) อุปกรณ์ไฟฟ้าที่นำเข้ามาใช้ในการทำงานต้องผ่านการตรวจสอบก่อนอนุญาตใช้งาน หรือ หลังจากการซ่อมแซมแก้ไข หรือ หลังจากพบความผิดปกติหรือชำรุดเสียหายใดๆ ของอุปกรณ์ไฟฟ้า หากอุปกรณ์ผ่านการตรวจสอบแล้ว ผู้ควบคุมงานจะติดป้ายอนุญาตใช้งาน ข้างอิงตามเอกสารแนบ 9

(ค) ปลั๊กสายไฟต่อพ่วง และเครื่องมือไฟฟ้าทั้งหมด (ยกเว้นเครื่องมือที่มีฉนวนสองชั้นหรือแบบใช้แบตเตอรี่) จะต้องมีสายและปลั๊กต่อสายลงดิน อย่างไรก็ตาม หากแรงดันไฟฟ้าที่จ่ายมีกำลังน้อยกว่า 50 โวลต์ หรือหากเครื่องมือมีฉนวนสองชั้น และอาจถูกนำไปใช้ในสภาพที่เปียก และอาจนำไฟฟ้าได้ เครื่องมือนั้นไม่มีความจำเป็นต้องติดตั้งสายดิน (29 CFR 1910.304 และ 1926.302)

(ง) ปลั๊กสายต่อพ่วงต้องไม่เสียหายหรือ พันเทป หรือชุบในสภาพที่ไม่ปลอดภัยต่อการใช้งาน

(จ) จุดสายไฟ เครื่องมือไฟฟ้า และชิ้นส่วนของอุปกรณ์ไฟฟ้าที่เกี่ยวข้องทั้งหมดต้องได้รับการตรวจสอบก่อนการใช้งานเสมอเป็นประจำทุกวัน และห้ามใช้อุปกรณ์ที่พบว่าชำรุดหรือมีข้อบกพร่องจนกว่าจะได้รับการซ่อมแซมตรวจสอบ และทดสอบ

(ฉ) หากอุปกรณ์ไฟฟ้าหรืออุปกรณ์เครื่องมือใดๆ เกิดความเสียหาย ชำรุด หรือสภาพที่ไม่ปลอดภัย ให้นำอุปกรณ์ดังกล่าวออกนอกพื้นที่ปฏิบัติงาน และติดป้ายห้ามนำอุปกรณ์ไปใช้งานทันที

6.8 กรณีงานที่ต้องเกี่ยวข้องกับรังสี หรืองานฉายรังสี

(ก) ผู้รับเหมา ต้องปฏิบัติ และดำเนินการให้ผู้ปฏิบัติงานปฏิบัติตามกฎหมาย และกฎระเบียบใดๆ ที่เกี่ยวข้องกับการใช้รังสี ตลอดจนได้รับการฝึกอบรมอย่างถูกต้อง รวมถึงสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ที่สอดคล้องต่อลักษณะงาน และอันตรายจากการประเมินความเสี่ยงที่กำหนดไว้

(ข) งานฉายรังสีของโรงไฟฟ้าทั้งหมดต้องได้รับการประเมินอันตรายก่อนอนุญาตให้ทำงาน ต้องมีใบอนุญาตการฉายรังสีและต้องมีการบันทึกเก็บข้อมูลไว้

(ค) งานฉายรังสีของโรงไฟฟ้าจะต้องทำในพื้นที่ที่มีมาตรการป้องกัน มีการกำหนดระยะปลอดภัย (Safety Distance) และการปิดล้อมพื้นที่ที่เหมาะสมและสอดคล้องตามกฎระเบียบที่บังคับใช้

(ง) จะต้องมีประกาศแจ้งเตือนที่ชัดเจนติดไว้ ณ บริเวณที่มีการใช้รังสี พร้อมคำเตือน และวิธีการปฏิบัติตัวที่เหมาะสม ทั้งนี้ เมื่อมีการนำรังสี จะต้องมีการประกาศแจ้งและสัญญาณเตือน (ไม่ว่าด้วยสัญลักษณ์ และ/หรือเสียง) ให้รับทราบ

(จ) ก่อนเริ่มงานฉายรังสี จะต้องมั่นใจว่าพื้นที่นั้นจะต้องมีเพียงผู้ปฏิบัติงานที่ได้รับอนุญาตเท่านั้น และปลอดจากบุคคลที่ไม่เกี่ยวข้อง

7. การอบรมด้านความปลอดภัยก่อนเริ่มงาน (Safety Induction Training)

ผู้รับเหมาจะต้องเข้ารับการอบรมความปลอดภัยก่อนเริ่มงาน ล่วงหน้าก่อนการเริ่มปฏิบัติงานใดๆ ทั้งนี้ สำหรับงานบำรุงรักษาประจำปี (Planned Outage) ต้องให้รับการอบรมก่อนล่วงหน้าไม่น้อยกว่า 7 (เจ็ด) วันก่อนเริ่มงาน โดยการอบรมดังกล่าวจะเป็นการทบทวนข้อกำหนดด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม ของกลุ่มบริษัทกัลฟ์ และของโรงไฟฟ้าที่ผู้รับเหมาปฏิบัติงาน ซึ่งรวมถึงอันตรายที่อาจเกิดขึ้นจากการทำงาน เหตุการณ์ผิดปกติ/เหตุฉุกเฉินที่อาจเกิดขึ้น ขั้นตอนปฏิบัติเมื่อเกิดเหตุผิดปกติ/เหตุฉุกเฉิน การอพยพกรณีเหตุฉุกเฉิน การผ่านเข้า-ออกโรงไฟฟ้า เป็นต้น โดยผู้เข้ารับการอบรมสามารถสอบถามประเด็นข้อสงสัยต่างๆ ได้ ในขณะที่มีการอบรมดังกล่าวเพื่อให้เกิดความชัดเจนจนเข้าปฏิบัติงาน

ทั้งนี้ ผู้รับเหมาต้องควบคุมดูแลให้ผู้ปฏิบัติงานของผู้รับเหมาทุกคนได้รับการอบรมด้านความปลอดภัยก่อนเริ่มงานเป็นประจำทุกปี และ/หรือ เมื่อมีการเปลี่ยนแปลงข้อกำหนดด้านความปลอดภัยใดๆ ของผู้ว่าจ้าง และ/หรือ เมื่อผู้ว่าจ้างกำหนด (แล้วแต่กรณี) โดยหลักฐานบันทึกการอบรม และผลการทดสอบหลังการอบรมจะถูกจัดเก็บไว้โดยเจ้าหน้าที่ความปลอดภัยประจำโรงไฟฟ้า

กรณีผู้รับเหมามาผ่านการอบรมจากโรงใดในกลุ่มกัลฟ์แล้ว และต้องไปปฏิบัติงานในโรงไฟฟ้าอื่น สามารถแจ้งต่อผู้ควบคุมงานของโรงไฟฟ้าที่จะเข้าพื้นที่ทำงาน เพื่อประสานงานต่อเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้าดังกล่าว เพื่อทบทวนการอบรมผู้รับเหมาก่อนเริ่มงานได้ แต่ต้องได้รับการยืนยันตัวตนก่อน ว่าเคยผ่านการอบรมมาแล้วจริง และก่อนเริ่มงาน ผู้รับเหมาต้องได้รับการอบรมชี้แจงเกี่ยวกับสภาพพื้นที่ของโรงไฟฟ้า, จุดรวมพลกรณีอพยพ, จุดลูบุหรี่ หรือสภาพพื้นที่อื่นที่แตกต่างกันจากโรงไฟฟ้าอื่น

8. การวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis - JSA)

ผู้รับเหมาต้องจัดทำการประเมินความเสี่ยงในการทำงานและการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis - JSA) ก่อนการเริ่มปฏิบัติงาน เพื่อชี้บ่งอันตรายที่อาจเกิดขึ้นจากการทำงานแต่ละขั้นตอน ระดับความเสี่ยงอันตราย รวมถึงมาตรการป้องกันจากอันตรายดังกล่าว

ผู้รับเหมาต้องจัดส่งรายงานการประเมินข้างต้นให้แก่ผู้ว่าจ้างพิจารณา หากรายงานนั้นไม่ผ่านการประเมินจากผู้ว่าจ้าง ผู้รับเหมาต้องแก้ไขรายงานนั้นตามที่ผู้ว่าจ้างกำหนด และนำส่งแก่ผู้ว่าจ้างพิจารณาอีกครั้งก่อนเริ่มดำเนินงาน

9. ระบบการอนุญาตทำงาน

9.1 ผู้รับเหมาต้องดำเนินการขอใบอนุญาตทำงานจากผู้ว่าจ้าง หรือตัวแทนของผู้ว่าจ้าง

บริษัทฯ ได้กำหนดมาตรฐานการขอใบอนุญาตทำงานสำหรับงานทั่วไปและงานที่มีอันตราย โดยประเภทงานที่มีอันตราย มีดังนี้

(ก) งานบนที่สูงเกินกว่า 1.8 เมตร

(ข) งานในที่อับอากาศ

(ค) งานไฟฟ้าแรงสูง (> 380 VAC หรือ 125 VDC)

(ง) งานที่ก่อให้เกิดความร้อนหรือประกายไฟ

(จ) งานที่เกี่ยวกับรังสี หรืองานฉายรังสี

(ฉ) งานที่ไร้อุปกรณ์ช่วยยก เช่น สลิง รอก และรถปั้นจั่นเคลื่อนที่

(ช) งานที่เกี่ยวกับสารเคมีอันตรายตามที่โรงไฟฟ้ากำหนด

(ซ) งานที่ต้องขุด ซึ่งมีความลึกเกินกว่า 10 เซนติเมตร

(ฌ) งานที่ต้องใช้นั่งร้าน หรือมีการรื้อถอนนั่งร้าน

(ญ) งานอื่นๆ ที่ผู้ว่าจ้างกำหนด

ผู้รับเหมาต้อง ได้รับอนุญาตทำงานก่อนเริ่มดำเนินงานใดๆ ร้างต้น ซึ่งใบอนุญาตนั้นจะระบุประเภทงานที่ต้องดำเนินการ ตลอดจนมาตรการความปลอดภัยสำหรับงานดังกล่าว และต้องมีใบอนุญาตทำงาน แสดงไว้ ณ บริเวณที่ปฏิบัติงานตลอดเวลาจนกว่างานจะแล้วเสร็จ

9.2 ผู้รับเหมาต้องได้รับใบอนุญาตทำงานจากผู้ควบคุมงานโรงไฟฟ้าก่อนถึงจะเริ่มทำงานได้ ใบอนุญาตทำงานต้องระบุลักษณะงานที่ต้องทำ หากเป็นประเภทงานที่มีอันตราย ต้องขอใบอนุญาตทำงานที่อันตราย (Hazardous Work Permit) ด้วย และปฏิบัติตามมาตรการควบคุมป้องกันอันตรายที่อาจเกิดขึ้น ใบอนุญาตทำงานต้องมีการขออนุญาตทำงานเป็นประจำทุกวันก่อนเริ่มงาน

9.3 เมื่อสัญญาณแจ้งเหตุฉุกเฉินดังขึ้นในพื้นที่โรงไฟฟ้า ใบอนุญาตทำงานทุกประเภทจะถูกยกเลิกโดยทันที (ยกเว้นการแจ้งยกเลิกสัญญาณเหตุฉุกเฉิน) ผู้รับเหมาจะทำงานต่อได้ ก็ต่อเมื่อสัญญาณแจ้งยกเลิกเหตุฉุกเฉินดังขึ้น และต้องติดต่อขอใบอนุญาตทำงานใหม่อีกครั้ง

9.4 ห้ามผู้รับเหมาเปิด-ปิดวาล์ว, อุปกรณ์, ระบบดับเพลิงดัดโนมัติ ระบบสัญญาณแจ้งเหตุใดๆ ถ้าไม่ได้มีการระบุรายละเอียดของเขตการทำงานในใบขออนุญาตทำงาน หรือได้รับอนุญาตจากผู้ควบคุมงานโรงไฟฟ้าโดยตรง

9.5 อุปกรณ์ เครื่องมือของผู้รับเหมาที่ใช้ในการทำงานต้องได้รับการตรวจสอบประจำทุกวันก่อนเริ่มทำงาน ตามแบบฟอร์ม ตรวจสอบวัสดุ อุปกรณ์ และเครื่องมือที่จะนำมาใช้งานรายวัน และแนบผลการตรวจไปกับใบอนุญาตทำงาน

10. การรายงานความปลอดภัย

10.1 การรายงานผลการดำเนินงานประจำวัน

ผู้รับเหมาต้องจัดทำรายงานผลการดำเนินงานความปลอดภัยประจำวันส่งให้เจ้าหน้าที่ความปลอดภัยโรงไฟฟ้าเป็นประจำทุกวันทำการ รายงานความปลอดภัยดังกล่าวต้องประกอบด้วยรายละเอียดต่างๆ ด้านความปลอดภัยที่เกี่ยวข้องกับงานที่ได้รับมอบหมายซึ่งรวมถึง สถิติความปลอดภัย ผลการประชุมความปลอดภัย (Toolbox Talk) (เช่น หัวข้อการประชุม และจำนวนผู้เข้าร่วม) ตลอดจนผลการดำเนินงานแก้ไขด้านความปลอดภัยจากการตรวจสอบความปลอดภัย (Site Safety Inspection) ที่ผ่านมา หรือตามที่บริษัทร้องขอ

10.2 การรายงานอุบัติการณ์ (อุบัติเหตุ หรือ เหตุการณ์เกือบจะเกิดอุบัติเหตุ)

ในกรณีที่เกิดเหตุการณ์ที่ก่อให้เกิด หรืออาจก่อให้เกิดการบาดเจ็บ อันตราย หรือความเสียหายขึ้น ผู้รับเหมาต้องรายงานเหตุการณ์ดังกล่าวต่อผู้ควบคุมงานโดยทันที และให้จัดทำรายงาน เป็นลายลักษณ์อักษรต่อเจ้าหน้าที่ความปลอดภัยโรงไฟฟ้า ผู้ควบคุมงานโรงไฟฟ้า หรือบุคคลของโรงไฟฟ้าใดๆ ที่มีหน้าที่รับผิดชอบด้านความปลอดภัยภายใน 24 ชั่วโมงนับแต่เกิดเหตุ ตามแบบฟอร์มรายงานของผู้ว่าจ้างกำหนด

ภายหลังเกิดเหตุร้างต้น ผู้รับเหมาต้องทำการสอบสวนและวิเคราะห์หาสาเหตุของเหตุการณ์ และจัดทำแผนดำเนินการป้องกันไม่ให้เกิดเหตุนั้นซ้ำขึ้นอีก

11. การตอบสนองต่อเหตุฉุกเฉิน

11.1 ผู้รับเหมาต้องรายงานเหตุฉุกเฉินที่เกิดขึ้นต่อเจ้าหน้าที่ความปลอดภัยประจำโรงไฟฟ้า หรือผู้ควบคุมงานโรงไฟฟ้าทันที ผ่านช่องทางติดต่อสื่อสาร เช่น โทรศัพท์สำนักงาน โทรศัพท์มือถือ หรือช่องวิทยุสื่อสาร เป็นต้นโดยระบุรายละเอียด ชื่อผู้รายงานเหตุฉุกเฉิน เหตุฉุกเฉินที่เกิดขึ้น และสถานที่เกิดเหตุ และรอรับการยืนยันรายงานจากปลายสาย (เว้นแต่โดยสถานการณ์มิอาจทำเช่นนั้นได้)

11.2 เมื่อได้ยินสัญญาณแจ้งเหตุฉุกเฉินดังขึ้น ให้ผู้รับเหมาหยุดการทำงาน ปิดสวิทช์อุปกรณ์เครื่องจักร ตรวจสอบพื้นที่ให้อยู่ในสภาพปลอดภัย (เว้นแต่โดยสถานการณ์มิอาจทำเช่นนั้นได้) ตรวจสอบถุงบอกทิศทางลม ประกอบการพิจารณาการอพยพไปจุดรวมพล ก่อนอพยพออกจากพื้นที่ และรายงานตัวที่จุดรวมพลที่ใกล้ที่สุดและปลอดภัย

11.3 ผู้รับเหมาที่ปฏิบัติงานในพื้นที่ที่ได้รับผลกระทบจากเหตุฉุกเฉิน ให้อพยพออกจากพื้นที่ทันที หากไม่สามารถทำได้อย่างปลอดภัย ให้แจ้งผู้ควบคุมงานโรงไฟฟ้าทราบทันที

11.4 ผู้รับเหมาไม่ได้รับอนุญาตให้กลับเข้าทำงานภายหลังเกิดเหตุฉุกเฉิน จนกว่าโรงไฟฟ้าจะทำการออกใบอนุญาตทำงานใหม่ให้กับผู้รับเหมาอีกครั้ง

12. เอกสารแนบ

12.1 เอกสารแนบ 1 ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้องในการขออนุญาตทำงานของผู้รับเหมา

12.2 เอกสารแนบ 2 รายการอุปกรณ์ป้องกันอันตรายส่วนบุคคล (Personal Protective Equipment - PPE)

12.3 เอกสารแนบ 3 ตัวอย่างการจัดการของเสียและวัสดุที่ไม่ใช้แล้ว

12.4 เอกสารแนบ 4 ตัวอย่างการติดตั้งอุปกรณ์ป้องกันไฟย้อนกลับของอุปกรณ์การเชื่อมก๊าซ / ตัดด้วยก๊าซ

12.5 เอกสารแนบ 5 ลักษณะปั้นจั่นและการปฏิบัติที่เหมาะสมปลอดภัย

12.6 เอกสารแนบ 6 นั่งร้านที่ถูกต้อง

12.7 เอกสารแนบ 7 ตัวอย่างการคำนวณการออกแบบนั่งร้าน

12.8 เอกสารแนบ 8 ตัวอย่างป้ายสำหรับอนุญาตใช้นั่งร้าน

12.9 เอกสารแนบ 9 ตัวอย่างป้ายติดอุปกรณ์ไฟฟ้าที่ผ่านการตรวจสอบ

12.10 เอกสารแนบ10 ตัวอย่างแผนงานยก

GULF

เอกสารแนบ 1

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้อง

ในการขออนุญาตทำงานของผู้รับเหมา

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้องในการขออนุญาตทำงานของผู้รับเหมาปฏิบัติไม่ใกล้ กลุ่มบริษัท กัลฟ์

จัดทำ เมษายน 2567

ลำดับที่	ลักษณะงาน
1	**การทำงานที่อับอากาศ**
1.1	ใบรับรองแพทย์สำหรับการทำงานที่อับอากาศ อายุไม่เกิน 6 เดือน หรือรองโดยแพทย์อาชีวเวชศาสตร์ ให้สามารถทำงานที่อับอากาศได้
1.2	ใบรับรองผ่านหลักสูตรการทำงานที่อับอากาศสำหรับผู้ปฏิบัติงาน, ผู้ช่วยเหลือ, ผู้ควบคุม และผู้อนุญาตทำงานที่อับอากาศ อายุไม่เกิน 5 ปี, กรณีเกิน 5 ปี ต้องมีใบรับรองการอบรมหลักสูตรทบทวนการทำงานที่อับอากาศ
1.3	แผนการกู้ภัยกรณีเกิดเหตุฉุกเฉินการทำงานที่อับอากาศ
1.4	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
2	**การทำงานที่มีประกายไฟและความร้อน**
2.1	ใบรับรองการทดสอบและรับรองงานเชื่อมตามมาตรฐานที่มีอายุไม่เกิน 5 ปี
2.2	ใบรับรองผ่านการอบรมผู้เฝ้าระวังไฟ (Fire Watcher)
2.3	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
3	**การทำงานบนที่สูงเกินกว่า 1.8 เมตร และงานสิ่งก่อสร้าง**
3.1	ใบรับรองแพทย์สำหรับการทำงานบนที่สูง อายุไม่เกิน 1 ปี หรือรองโดยแพทย์อาชีวเวชศาสตร์ ให้สามารถทำงานบนที่สูงได้
3.2	ใบรับรองผ่านการอบรมหลักสูตรการทำงานบนที่สูง
3.3	ใบรับรองผ่านการอบรมหลักสูตรการตั้งนั่งร้าน
3.4	ใบรับรองผ่านการอบรมหลักสูตรการตรวจสอบนั่งร้าน
3.5	แผนการกู้ภัยบนที่สูง
3.6	คุณวุฒิ/ใบรับรองผ่านการประกอบ ติดตั้ง ทดสอบ ดัดแปลง และรื้อถอน ไม้ เหล็กนั่งร้านและรื้อถอนนั่งร้าน จากผู้ผลิตหรือรับรองโดยวิศวกรคอนเสนซูดิสาขาอุตสาหกรรม
3.7	นั่งร้านที่สูงเกินกว่า 4 เมตร และไม่เป็นไปตามเงื่อนไขคณะและศูนย์การใช้งานที่ผู้ผลิตกำหนด นั่งร้านต้องมีการตรวจสอบแบบโดยวิศวกรโยธา
3.8	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
4	**การทำงานกับอุปกรณ์ยกขนย้าย ปั้นจั่น สลิง รอก และอุปกรณ์ที่เกี่ยวข้องงานยก**
4.1	รายงานการตรวจสอบและทดสอบความปลอดภัยของอุปกรณ์สำหรับปั้นจั่นชนิดเคลื่อนที่ (แบบ ขส.2)
4.2	ใบรับรองอุปกรณ์ไม่ใช่ใบรับยก อายุไม่เกิน 1 ปี (ASME B30.9)
4.3	ใบรับรองผ่านการอบรมผู้ปฏิบัติงานเกี่ยวกับปั้นจั่น เช่น ผู้ปั้นจั่น ผู้ให้สัญญาณ ผู้ยึดเกาะ ผู้ควบคุม อายุไม่เกิน 2 ปี กรณีเกิน 2 ปี ต้องมีใบรับรองการอบรมหลักสูตรทบทวนผู้ปฏิบัติงานกับปั้นจั่น
4.4	แผนการยก (Lifting Plan) สำหรับงานยกทำไม่ (Routine Lifting Plan) และงานยกวิกฤต (Critical Lifting Plan)
4.5	ใบอนุญาตขับขี่รถยก ประเภท 2 สำหรับผู้ปฏิบัติงานเครื่องยก
4.6	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
5	**การทำงานกับสารเคมี**
5.1	ข้อมูลความปลอดภัยของสารเคมี (SDS) ที่ใช้ในการทำงาน
5.2	ใบรับรองผ่านการอบรมผู้ขนย้ายเกี่ยวกับสารเคมี (เฉพาะงานขนย้ายและขนส่งสารเคมีอันตราย)
5.3	ใบอนุญาตขับขี่ ประเภท 4 (เฉพาะงานขนย้ายและขนส่งสารเคมีอันตราย)
5.4	ใบอนุญาตนำเข้าหรือครอบครองซึ่งวัตถุอันตราย (ว.อ. 8) ของกรมควบคุมมลพิษ (เฉพาะงานขนย้ายและขนส่งสารเคมีอันตราย)
5.5	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
6	**การทำงานกับวัสดุกัมมันตรังสี การตรวจสอบด้วยการฉายรังสี**
6.1	ใบอนุญาตผลิต มีไว้ครอบครองเครื่องไว้ปล่อยกัมมันตรังสี (แบบ พ.ม.ต 4ข)
6.2	ใบรับรองผ่านการอบรมหลักสูตรด้านความปลอดภัยในการทำงานกับรังสี
6.3	ใบรับรองฉีดทำฉีดรังสีและความแรงของต้นกำเนิดรังสีที่นำมาใช้งาน (ไม่เกิน 10 ศูรี)
6.4	เครื่องมือวัดระดับรังสี (Survey meter) และใบรับรองการสอบเทียบเครื่องมือวัด (Certification of Calibration)
6.5	การคำนวณระยะปลอดภัยของรังสี (Radioactive Safety Distance)
6.6	แผนควบคุมเหตุฉุกเฉินการทำงานกับวัสดุกัมมันตรังสี
6.7	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)
7	**การทำงานกับไฟฟ้า งานระบบปรับอากาศ**
7.1	ใบรับรองผ่านการอบรมหลักสูตรความปลอดภัยเกี่ยวกับไฟฟ้าสำหรับผู้ปฏิบัติงานเกี่ยวกับไฟฟ้า อายุไม่เกิน 5 ปี หรือ
7.2	ใบรับรองอบรมหลักสูตรการทำงานเกี่ยวกับระบบปรับอากาศ ขนาดตั้งแต่ 35,000 BTU ขึ้นไป อายุไม่เกิน 5 ปี
7.3	ข้อมูลการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)

GULF

เอกสารแนบ 1

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้อง

ในการขออนุญาตทำงานของผู้รับเหมา

ตัวอย่าง- ใบรับรองแพทย์สำหรับการทำงานในที่อับอากาศ ส่วนที่ 1/2

ใบรับรองแพทย์ สำหรับการทำงานในที่อับอากาศ	ศูนย์การฝึกวิชาชีพการแพทย์ โรงพยาบาลรัฐมนตรีอาชีวะ

ส่วนที่ 1 ของผู้ขอรับการตรวจสุขภาพ

ชื่อ-นามสกุล (ภาษาไทย) _____

และ/หรือ (ภาษาอังกฤษ) _____

ข้อมูลสุขภาพ กรุณาตอบคำถามต่อไปนี้ตามความเป็นจริง

1	ท่านเคยมีโรคหัวใจ หลอดเลือดหัวใจตีบ หรือหลอดเลือดหัวใจอุดตันหรือไม่	☐ ไม่เคย ☐ เคย
2	ท่านเคยเป็นโรคปอด หรือมีปัญหาเกี่ยวกับการหายใจหรือไม่	☐ ไม่เคย ☐ เคย
3	ท่านเคยเป็นโรคหัวใจเต้นผิดจังหวะหรือไม่	☐ ไม่เคย ☐ เคย
4	ท่านเคยเป็นโรคหัวใจเต้นเร็วผิดจังหวะหรือไม่	☐ ไม่เคย ☐ เคย
5	ท่านเคยเป็นโรคหัวใจชนิดใดๆ หรือไม่	☐ ไม่เคย ☐ เคย
6	ท่านเคยเป็นโรคความดันโลหิตสูงหรือไม่	☐ ไม่เคย ☐ เคย
7	ท่านเคยเป็นโรคลมชักหรือมีอาการชักหรือไม่	☐ ไม่เคย ☐ เคย
8	ท่านเคยเป็นโรคเบาหวานหรือไม่	☐ ไม่เคย ☐ เคย
9	ท่านเคยเป็นโรคตับ หรือไต หรือไม่	☐ ไม่เคย ☐ เคย
10	ท่านเคยเป็นโรคภูมิแพ้ทางเดินหายใจหรือหืดหอบหรือไม่	☐ ไม่เคย ☐ เคย
11	ท่านเคยเป็นโรคกระดูกและข้อหรือกล้ามเนื้อหรือไม่	☐ ไม่เคย ☐ เคย
12	ท่านเคยเป็นโรคระบบประสาทหรือไม่ อาทิ หรือไม่	☐ ไม่เคย ☐ เคย
13	ท่านเคยเป็นโรคมะเร็งหรือถูกตัดออกเนื้อร้ายหรือไม่	☐ ไม่เคย ☐ เคย
14	ท่านเคยเป็นโรคหรือมีความผิดปกติทางกระดูกและร่างหรือไม่	☐ ไม่เคย ☐ เคย
15	ท่านเคยเป็นโรคหลังหรือไม่	☐ ไม่เคย ☐ เคย
16	ท่านเคยเป็นโรคอ้วน เช่น โรคหืดเหงา โรคอ้วนหรือไม่	☐ ไม่เคย ☐ เคย
17	ท่านเคยเป็นโรคทางจิตเวชหรือไม่	☐ ไม่เคย ☐ เคย
18	ท่านเคยเป็นโรคหรือมีอาการเสียงดังออกมาหรือไม่	☐ ไม่เคย ☐ เคย
19	ท่านเคยเป็นโรคไส้เลื่อนหรือไม่	☐ ไม่เคย ☐ เคย
20	ท่านกำลังตั้งครรภ์ หรือไม่	☐ ไม่ตั้งครรภ์ ☐ ตั้งครรภ์
21	ท่านเคยทำงานในที่อับอากาศ ประเภทใดบ้าง (ระบุ) _____	
22	ท่านเคยมีการเจ็บป่วยจนต้องนอนโรงพยาบาล หรือมีประวัติการผ่าตัดหรือไม่	☐ ไม่เคย ☐ เคย

ถ้ามี โปรดระบุว่า "เคย" กรุณาระบุรายละเอียด _____

_____

ข้าพเจ้าขอรับรองว่าข้อความที่ข้าพเจ้าให้ไว้ในครั้งนี้เป็นความจริงทุกประการ ข้าพเจ้าได้ทราบและได้รับคำอธิบายเกี่ยวกับลักษณะงานที่ทำและสภาพแวดล้อมในการทำงานในที่อับอากาศเป็นอย่างดีแล้ว

ลงชื่อ_____ ผู้ขอรับการตรวจสุขภาพ

GULF

เอกสารแนบ 1

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้อง

ในการขออนุญาตทำงานของผู้รับเหมา

ตัวอย่าง- ใบรับรองแพทย์สำหรับการทำงานในที่อับอากาศ ส่วนที่ 2/2

ใบรับรองแพทย์ สำหรับการทำงานในที่อับอากาศ	ศูนย์การฝึกวิชาชีพการแพทย์ โรงพยาบาลรัฐมนตรีอาชีวะ

ส่วนที่ 2 ของแพทย์

ตรวจที่ โรงพยาบาล/คลินิก _____ วันที่ _____ เดือน _____ พ.ศ. _____

ข้าพเจ้า นพ./พญ. _____ ใบอนุญาตประกอบวิชาชีพเวชกรรมเลขที่ _____

ได้ตรวจร่างกาย ผู้ขอรับการตรวจ _____

เมื่อวันที่ (วัน/เดือน/ปี) _____ มีความเห็นว่า ครั้งนี้

น้ำหนัก _____ กก. ความสูง _____ ซม. ดัชนีมวลกาย _____ กก./ม²

ความดันโลหิต _____ มม. ปรอท/วินาที _____ ครั้ง/นาที ☐ สม่ำเสมอ ☐ ไม่สม่ำเสมอ

ผลการตรวจปัสสาวะด้วยแถบตรวจวิเคราะห์ ☐ ปกติ ☐ ปกติ

(ระบุ) _____

ประวัติการใช้ยาประจำ ☐ ไม่มี ☐ มี (ระบุชื่อยาที่ใช้ประจำ) _____

ประวัติการสูบบุหรี่ในปัจจุบัน ☐ ไม่สูบ ☐ สูบ (ระบุจำนวนมวน/วัน) _____

ผลการตรวจพิเศษ

1. สายตาทั้งสองข้าง	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
2. สมรรถภาพปอด	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
3. คลื่นไฟฟ้าหัวใจ	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
4. ความสมบูรณ์ของเม็ดเลือด	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
5. สมรรถภาพการออกกำลังกาย	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
6. ผลตรวจสารเสพติดในปัสสาวะ	☐ ปกติ	☐ ผิดปกติ (ระบุ) _____
7. _____		

แพทย์ได้ตรวจประเมินสุขภาพ โรคหัวใจ หรือโรคอื่นๆ ที่อาจเป็นอันตรายต่อตัวผู้ป่วยในขณะทำงานในที่อับอากาศ และผลการตรวจร่างกายในครั้งนี้ ไม่พบข้อบ่งชี้ทางการแพทย์ที่จะห้ามมิให้ผู้ป่วยรายนี้ทำงานในที่อับอากาศได้ ตามประกาศกรมสวัสดิการและคุ้มครองแรงงาน ฉบับที่ 2 (พ.ศ. 2547) เรื่อง งานที่ห้ามมิให้ลูกจ้างทำ ลงวันที่ 1 มกราคม พ.ศ. 2567 ดังนี้

☐ สามารถทำงานในที่อับอากาศได้ (ประเภท 1)

☐ สามารถทำงานในที่อับอากาศได้ แต่มีข้อจำกัดหรือข้อควรระวังดังนี้ (ประเภท 2)

(ระบุรายละเอียด) _____

☐ ไม่สามารถทำงานในที่อับอากาศได้ (ประเภท 3)

(ระบุรายละเอียด) _____

ลงชื่อ_____

แพทย์ผู้ตรวจ

GULF

เอกสารแนบ 1

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้อง

ในการขออนุญาตทำงานของผู้รับเหมา

ตัวอย่าง- ใบรับรองแพทย์สำหรับการทำงานบนที่สูง ส่วนที่ 1/2

ใบรับรองแพทย์ สำหรับการทำงานบนที่สูง	ศูนย์การฝึกวิชาชีพการแพทย์ โรงพยาบาลรัฐมนตรีอาชีวะ

ใบรับรองแพทย์สำหรับการทำงานบนที่สูง

ส่วนที่ 1 ของผู้เข้ารับการตรวจสุขภาพ

ชื่อ-นามสกุล (ภาษาไทย) _____

และ/หรือ (ภาษาอังกฤษ) _____

ข้อมูลสุขภาพ กรุณาตอบคำถามต่อไปนี้ตามความเป็นจริง

1	ท่านเคยมีโรคหัวใจ หลอดเลือดหัวใจตีบ หรือหลอดเลือดหัวใจอุดตันหรือไม่	☐ ไม่เคย ☐ เคย
2	ท่านเคยเป็นโรคปอด หรือมีปัญหาเกี่ยวกับการหายใจหรือไม่	☐ ไม่เคย ☐ เคย
3	ท่านเคยเป็นโรคหัวใจเต้นผิดจังหวะหรือไม่	☐ ไม่เคย ☐ เคย
4	ท่านเคยเป็นโรคหัวใจเต้นเร็วผิดจังหวะหรือไม่	☐ ไม่เคย ☐ เคย
5	ท่านเคยเป็นโรคหัวใจชนิดใดๆ หรือไม่	☐ ไม่เคย ☐ เคย
6	ท่านเคยเป็นโรคความดันโลหิตสูงหรือไม่	☐ ไม่เคย ☐ เคย
7	ท่านเคยเป็นโรคลมชักหรือมีอาการชักหรือไม่	☐ ไม่เคย ☐ เคย
8	ท่านเคยเป็นโรคเบาหวานหรือไม่	☐ ไม่เคย ☐ เคย
9	ท่านเคยเป็นโรคตับ หรือไต หรือไม่	☐ ไม่เคย ☐ เคย
10	ท่านเคยเป็นโรคภูมิแพ้ทางเดินหายใจหรือหืดหอบหรือไม่	☐ ไม่เคย ☐ เคย
11	ท่านเคยเป็นโรคกระดูกและข้อหรือกล้ามเนื้อหรือไม่	☐ ไม่เคย ☐ เคย
12	ท่านเคยเป็นโรคระบบประสาทหรือไม่ อาทิ หรือไม่	☐ ไม่เคย ☐ เคย
13	ท่านเคยเป็นโรคมะเร็งหรือถูกตัดออกเนื้อร้ายหรือไม่	☐ ไม่เคย ☐ เคย
14	ท่านเคยเป็นโรคหรือมีความผิดปกติทางกระดูกและร่างหรือไม่	☐ ไม่เคย ☐ เคย
15	ท่านเคยเป็นโรคหลังหรือไม่	☐ ไม่เคย ☐ เคย
16	ท่านเคยเป็นโรคอ้วน เช่น โรคหืดเหงา โรคอ้วนหรือไม่	☐ ไม่เคย ☐ เคย
17	ท่านเคยเป็นโรคทางจิตเวชหรือไม่	☐ ไม่เคย ☐ เคย
18	ท่านเคยเป็นโรคหรือมีอาการเสียงดังออกมาหรือไม่	☐ ไม่เคย ☐ เคย
19	ท่านเคยเป็นโรคไส้เลื่อนหรือไม่	☐ ไม่เคย ☐ เคย
20	ท่านกำลังตั้งครรภ์ หรือไม่	☐ ไม่ตั้งครรภ์ ☐ ตั้งครรภ์
21	ท่านเคยทำงานในที่อับอากาศ ประเภทใดบ้าง (ระบุ) _____	
22	ท่านเคยมีการเจ็บป่วยจนต้องนอนโรงพยาบาล หรือมีประวัติการผ่าตัดหรือไม่	☐ ไม่เคย ☐ เคย

ถ้ามี โปรดระบุว่า "เคย" กรุณาระบุรายละเอียด _____

_____

ข้าพเจ้าขอรับรองว่าข้อความที่ข้าพเจ้าให้ไว้ในครั้งนี้เป็นความจริงทุกประการ ข้าพเจ้าได้ทราบและได้รับคำอธิบายเกี่ยวกับลักษณะงานที่ทำและสภาพแวดล้อมในการทำงานในที่อับอากาศเป็นอย่างดีแล้ว

ลงชื่อ_____ ผู้ขอรับการตรวจสุขภาพ

GULF

เอกสารแนบ 1

ตัวอย่าง รายการเอกสารด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมที่เกี่ยวข้อง

ในการขออนุญาตทำงานของผู้รับเหมา

ตัวอย่าง- ใบรับรองแพทย์สำหรับการทำงานบนที่สูง ส่วนที่ 2/2

ใบรับรองแพทย์ สำหรับการทำงานบนที่สูง	ศูนย์อาชีวเวชศาสตร์ โรงพยาบาลวัฒนาอาชีวะ

ใบรับรองแพทย์สำหรับการทำงานบนที่สูง

GULF

เอกสารแนบ 2

รายการอุปกรณ์ป้องกันอันตรายส่วนบุคคล (Personal Protective Equipment - PPE)



GULF

เอกสารแนบ 3

ตัวอย่างการจัดการของเสียและวัสดุที่ไม่ใช้แล้ว

<u>วิธีการคัดแยกของเสียและการกำจัดวัสดุที่ไม่ใช้แล้ว</u>

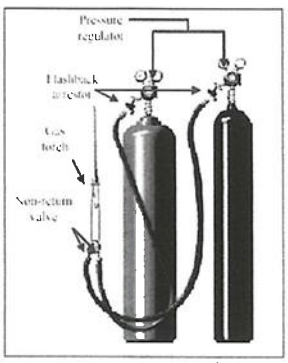
1. ต้องมีการคัดแยกประเภทขยะ ณ พื้นที่ปฏิบัติงานหรือพื้นที่พัก โดยให้ทิ้งวัสดุที่ไม่ใช้แล้วในถังหรือภาชนะที่ปิดมิดชิด มีป้ายชื่อติดแยกประเภทชัดเจน และไม่อนุญาตให้เขวนหรือรางถุงพลาสติกสำหรับทิ้งขยะไว้ในพื้นที่ปฏิบัติงาน โดยไม่ใส่ไว้ในถังหรือภาชนะให้เป็นระเบียบเรียบร้อยและมั่นคง



GULF

เอกสารแนบ 4

ตัวอย่างการติดตั้งอุปกรณ์ป้องกันไฟย้อนกลับของอุปกรณ์การเชื่อมก๊าซ / ตัดด้วยก๊าซ



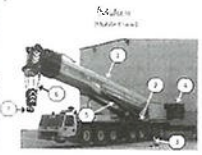
ส่วนประกอบอุปกรณ์การเชื่อมก๊าซ

GULF

เอกสารแนบ 5

ลักษณะปั้นจั่นและการปฏิบัติที่เหมาะสมปลอดภัย





1. แขนหูบ (Boom)
2. เฟืองขับ (Rotor gear)
3. ชุดปั้นพื้น (Outrigger)
4. น้ำหนักถ่วง (Counterweights)
5. กระบอกไฮดรอลิค (Hydraulic ram)
6. สายลวดสลิง (Fiber/wood /steel cable)
7. ตะขอ (Hook)

ปั้นจั่นล้อยาง



ปั้นจั่นล้อตีนตะขาบ



รถบรรทุกติดตั้งปั้นจั่น

ตัวอย่างเอกสารที่ต้องใช้ในการทำงานกับปั้นจั่นเคลื่อนที่

ใบรับรองผ่านการอบรมของผู้ปฏิบัติงานกับปั้นจั่น



รายงานการตรวจสอบปั้นจั่นเคลื่อนที่ (ปจ 2)



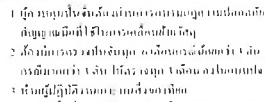
GULF

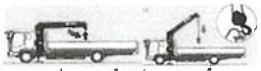
เอกสารแนบ 5

ลักษณะปั้นจั่นและการปฏิบัติที่เหมาะสมปลอดภัย

การตรวจปั้นจั่นชนิดเคลื่อนที่ก่อนการใช้งาน

1. ผู้ควบคุมปั้นจั่นต้องมีการตรวจสอบอุปกรณ์ต่างๆ ก่อนการใช้งานทุกครั้ง
2. ต้องมีการตรวจสอบปั้นจั่นทุกๆ 6 เดือน โดยวิศวกรที่มีความรู้ความชำนาญ
3. ห้ามผู้ปฏิบัติงานอยู่ใต้วงโคจรของแขนหูบ
4. การใช้ปั้นจั่นชนิดที่มีการทำงานร่วมกันมากกว่า 1 เครื่อง ต้องมีผู้ควบคุมงาน





ปลดตะขอและลิ่มออกจากตะขอเกี่ยว



ไม่ลากจูงหรือยกของในแนวเฉียง และสิ่งของต้องไม่ติดหรือถูกยึดไว้กับพื้น





ข้อสังเกตขณะใช้งานปั้นจั่นชนิดเคลื่อนที่













GULF

เอกสารแนบ 5

ลักษณะปั้นจั่นและการปฏิบัติที่เหมาะสมปลอดภัย

ตัวอย่างที่ควรระวังในการใช้งานปั้นจั่นเคลื่อนที่







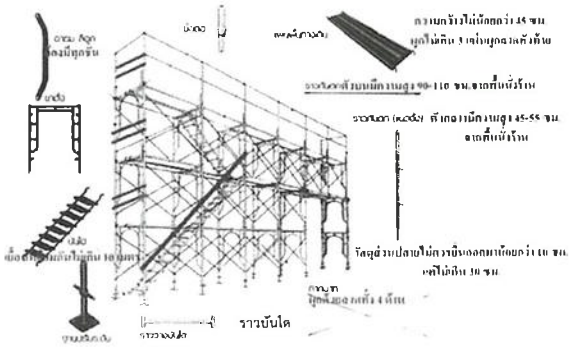


GULF

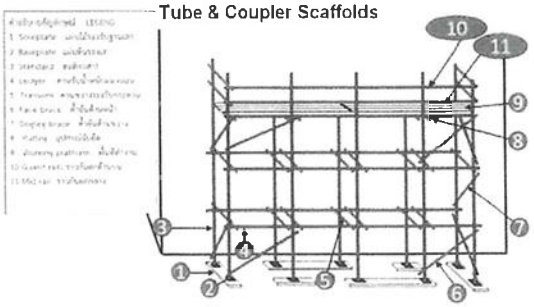
เอกสารแนบ 6

นั่งร้านที่ถูกต้อง

ลักษณะนั่งร้านหรือนั่งร้านโครงสร้างสำเร็จ



ลักษณะของนั่งร้านแบบท่อประกอบ



GULF

เอกสารแนบ 6

นั่งร้านที่ถูกต้อง

มาตรฐานการติดตั้งนั่งร้าน







มาตรฐานการติดตั้งนั่งร้าน





1. ปลายบันไดต้องยื่นเหนือพื้นของชั้นกิจะขึ้นอย่างน้อย 1 เมตร
2. ความกว้างประมาณ 45 หรือ 75 เซนติเมตร
3. แต่ละช่วงของบันไดมีความสูงตามแนวดิ่งไม่เกิน 6 เมตร
4. บันไดต้องมีราวยาว 6 เมตรต่อข้อต่อย่างน้อย 1 จุด





31

GULF

เอกสารแนบ 6

นั่งร้านที่ถูกต้อง

มาตรฐานการติดตั้งนั่งร้าน





1. นั่งร้านไม่เกิน 12 เมตร ระยะห่างของไม้กันไม่เกิน 2 เมตร
2. นั่งร้านเกิน 12 เมตรระยะห่างของไม้กันไม่เกิน 1.5 เมตร
3. นั่งร้านเกิน 21 เมตรระยะห่างของไม้กันไม่เกิน 1.2 เมตร

มาตรฐานการติดตั้งนั่งร้าน







GULF

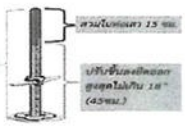
เอกสารแนบ 6

นั่งร้านที่ถูกต้อง

มาตรฐานการติดตั้งนั่งร้าน

นั่งร้านที่ใช้ฐานขาปรับระดับ Jack Base/U-Head ระยะ เกลียวต้องเหลืออยู่ ในท่อเสาไม่น้อยกว่า 10 ซ.ม.





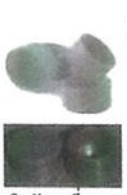
เกลียวมาตรฐานยาว 40 ซม.และ 60 ซม.

การติดตั้งนั่งร้านโดยใช้แค็มป์ให้ถูกต้อง



แค็มป์ล็อคเสานั่งร้านต้องตรงหลักใช้แค็มป์ฉากแบบ Double Coupler เท่านั้นและแค็มป์ต้องหงาย







ใส่ cap พลาสติกในจุดกับแคบหรือทางเดินสัญจรที่อาจเป็นจุดชน เสี่ยงหรือกระแทก

GULF

เอกสารแนบ 7

ตัวอย่างการคำนวณการออกแบบนั่งร้าน หน้า 1/3

รายการข้อมูลการใช้งานและรายละเอียดประกอบการออกแบบ ตามข้อ ๖

รายการข้อมูล และสถานที่หรือหน่วยงานที่นำไปใช้งาน (ข้อ ๔)

๑. นายจ้าง/เจ้าของสถานประกอบกิจการ

เลขที่บัตรบุคคล/เลขนิติบุคคล/เลขประจำตัวผู้เสียภาษีอากร เลขบัญชีประกันสังคม

ที่อยู่เลขที่ หมู่ที่ ตรอก/ซอย ถนน

แขวง/ตำบล เขต/อำเภอ จังหวัด

โทรศัพท์ E-mail

หน่วยงาน/โครงการที่มีการติดตั้งนั่งร้าน

ที่อยู่เลขที่ หมู่ที่ ตรอก/ซอย ถนน

โทรศัพท์ E-mail

ข้อมูลเฉพาะการใช้งานนั่งร้าน ดังนี้

๒. ชนิด/ประเภทนั่งร้าน :

๓. วัตถุประสงค์ หรือลักษณะของการทำงาน : ☐ งานก่อสร้าง ☐ งานอื่น ได้แก่

๔. ความสูงการใช้งานนั่งร้าน : ความสูง เมตร

๕. วันเริ่มและสิ้นสุดการใช้งานนั่งร้าน ระหว่างวันที่ ถึงวันที่

๖. ชนิดของวัสดุที่ใช้สร้างนั่งร้าน ☐ ไม้ ☐ เหล็ก ☐ อื่นๆ

๗ จำนวนผู้ปฏิบัติงานสูงสุด คน

๘. ขนาดหรือน้ำหนักของวัสดุอุปกรณ์ที่จะนำขึ้นไปใช้บนนั่งร้าน : กิโลกรัม

๙. วัสดุและส่วนของการนำไปใช้กับลักษณะงาน หรือการใช้งานที่เหมาะสมกับประเภทของนั่งร้าน :

๑๐. โดยได้รับผลกระทบ (ถ้ามี) :

๑๑. ข้อควรระวังเมื่อมีการใช้นั่งร้าน :

34

GULF

เอกสารแนบ 7

ตัวอย่างการคำนวณการออกแบบนั่งร้าน หน้า 2/3

รายละเอียดข้อมูลประกอบการออกแบบ (ข้อ 4)

ชื่อ/ครอบครัวผู้สร้าง ผู้ผลิต หรือผู้ดำเนินการออกแบบ

๑. นั่งร้านโดย ☐ ผู้ผลิต ☐ ผู้แก้ไข ☐ ผู้ดัดแปลง ☐ ผู้ดำเนินการออกแบบนั่งร้าน

๒. ข้อมูลการรับรองและเอกสารประกอบการคำนวณออกแบบ ☐ ผู้ผลิตให้ไว้ ☐ ผู้ออกแบบให้ไว้

☐ ชื่อผู้ผลิต

☐ ชื่อวิศวกร เลขที่ใบอนุญาต

๓. ชนิดของการรองรับนั่งร้าน

๔. ชนิดที่นั่งร้าน ☐ ไม้ มีขนาด ☐ ที่ได้รับการรับรอง

☐ เหล็ก มีหน่วยแรงดัด ☐ ที่ได้รับการรับรอง

☐ อื่นๆ ได้แก่ มีหน่วยแรง ☐ ที่ไม่ได้รับการรับรอง

๕. น้ำหนักบรรทุกใช้งาน น้ำหนักบรรทุกคงที่ (Dead Load) ที่ได้คำนวณแล้ว

น้ำหนักบรรทุกจร (Live Load) ที่ได้คำนวณแล้ว

น้ำหนักบรรทุกแผ่กระจายสม่ำเสมอที่ใช้ได้สูงสุด ☐ ๑๗๕ ☐ ๒๐๐ ☐ ๒๕๐ ☐ ๓๐๐ กก./ตร.ม.

น้ำหนักจรจุดกึ่งกลางช่วง ที่ได้คำนวณแล้ว

ผลรวมน้ำหนักบรรทุกใช้งาน

๖. น้ำหนักบรรทุกใช้งานสูงสุดที่ยกขึ้นได้ ที่ได้คำนวณแล้ว

น้ำหนักบรรทุกคนหรือวัสดุที่ใช้งานจริง ที่ได้ระบุไว้ในแบบ

ข้อจำกัดการใช้งานเพิ่มเติมที่ได้ระบุไว้ในแบบ (ถ้ามี) อื่นๆ

รายการเอกสารแนบที่เกี่ยวข้อง

ลำดับ	รายการ	มี	ไม่มี	หมายเหตุ
๑	เงื่อนไขการใช้นั่งร้าน	☐	☐	ข้อกำหนดและขั้นตอนการปฏิบัติงาน
๒	แบบนั่งร้าน	☐	☐	๒.๑ แบบแปลนและแผ่นกระจายน้ำหนักที่ตั้งนั่งร้าน ที่มีรายละเอียด เช่น ขนาดพื้นที่การทำงาน เส้นทางเข้า ออก ขึ้น ลง สำหรับผู้ปฏิบัติงานหรืออุปกรณ์ ๒.๒ ตำแหน่งที่ตั้ง และแนวเข้า - ออก ของผู้ปฏิบัติงานและอุปกรณ์สำหรับการติดตั้งหรือดัดแปลงโครงสร้างและส่วนประกอบของนั่งร้าน หรือการจัดทำลำดับขั้นตอนสำหรับการสร้าง บนลาด ติดตั้ง ถอดลง ใช้ เคลื่อนย้าย และการรื้อถอนนั่งร้านแต่ละชั้น ฯ

GULF

เอกสารแนบ 7

ตัวอย่างการคำนวณการออกแบบนั่งร้าน หน้า 3/3

ลำดับ	รายการ	มี	ไม่มี	หมายเหตุ
	๒.๓ แบบแปลน และรายละเอียดการปฏิบัติงานแบบแปลน (ตามข้อ ๓ ของประกาศกรมฯ ว่าด้วยการออกแบบนั่งร้านและคู่มือการออกแบบ)			
๓ ตรวจสอบการรับน้ำหนักของนั่งร้าน	๓.๑ การออกแบบนั่งร้านต้องมีการประเมินการรับน้ำหนักที่			โดย .....
	๓.๒ การตรวจสอบนั่งร้านก่อนการใช้งาน เมื่อวันที่			โดย .....
๔ การควบคุมการใช้งาน	๔.๑ ควบคุมน้ำหนักบรรทุกใช้งาน			โดย .....
	๔.๒ ข้อกำหนดในการใช้งานนั่งร้าน (ตามที่ระบุในแบบ และคู่มือการออกแบบ)			โดย .....
	๔.๓ หลักฐานการเอาลูกจ้างหรือสถานประกอบการลงชื่อ (ถ้ามี)			โดย .....

ข้อมูลการออกแบบเพิ่มเติม (ถ้ามี)

[redacted]

GULF

เอกสารแนบ 8

ตัวอย่างป้ายสำหรับอนุญาตใช้นั่งร้าน

GULF

ใบอนุญาตใช้นั่งร้าน

Location (สถานที่)

Reference No.

Requested By

Checked By

Date & Time (วัน/เวลา)

Inspected By

Date & Time

นั่งร้านนี้ผ่านการตรวจสอบแล้ว

STRUCTURE TO BE USED FOR

ความสามารถในการรับน้ำหนัก

DESIGN LOAD ON SCAFFOLDS

กก./ตร.ม. kg/m²

ห้ามดัดแปลงแก้ไขนั่งร้านโดยไม่ได้รับอนุญาต

DO NOT MODIFY WITHOUT PERMISSION

ห้ามใช้งานเกินน้ำหนักออกแบบที่ระบุ

DO NOT APPY LOAD OVER DESIGN LOAD

ตารางบันทึกการตรวจสอบ

INSPECTION RECORD

วันที่ตรวจสอบ Inspection Date	ชื่อผู้ตรวจสอบ Inspector Name

Note : ต้องตรวจสอบและลงชื่อในการบันทึกการตรวจสอบทุกวันก่อนเริ่มใช้งานนั่งร้าน

GULF

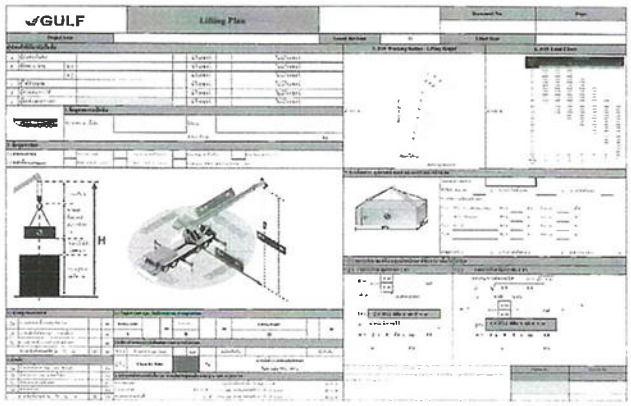
เอกสารแนบ 9

ตัวอย่างป้ายติดอุปกรณ์ไฟฟ้าที่ผ่านการตรวจสอบ

GULF INSPECTION TAG	
NAME OF EQUIPMENT:	
RESPONSIBLE PERSON/ CONTRACTOR:	
INSPECTION DATE :	EXPIRED DATE:
AUTHORIZED BY:	

GULF

เอกสารแนบ 10 – ตัวอย่างแผนงานยก (Lifting Plan)



GULF

(English Translation Version)

Safety, Health and Environment (SH&E) Manual for Contractors

GULF

1. Purpose

This manual sets out GULF expectations in areas of Safety, Health and Environment (SH&E) of all contractors of GULF and provides guidance in how these expectations can be met.

To align with the GULF SH&E Policy, GULF requires the contractors to:

- Comply with all applicable SH&E laws, regulations and other standards
- Comply with other SH&E requirements contained in this manual

Contractors are responsible for the health and safety of their employees and its subcontractors (where applicable), and for the safe and environmental acceptable performance of their work.

Contractors shall ensure that SH&E hazards and risks are properly identified, assessed, controlled and evaluated prior to commence any works.

2. Scope

The requirements outlined in this document apply to all GULF contractors and can be used as a guidance document for other works / services including, but not limited to, equipment installation or de-installation, repair, and regular or planned outage activities.

3. Definitions

GULF – GULF Energy Development Public Company and including its subsidiaries company.

Competent Person - An individual who, by way of training, education and experience, is knowledgeable of applicable standards, capable of identifying workplace hazards or environmental aspects relating to the specific operation, is designated by the employer and has the authority to take appropriate corrective actions.

Contractor - A company, sole trader, or partnership that is engaged to work on site at any GULF's power plant site for a discrete task or project specified under a contract.

Customer – GULF Energy Development Public Company and including its subsidiaries company that apply the contract agreement with the contractor company.

Environment – an Environment and Working Environmental that may affect to occupational health such as heat, lighting, noise, chemical, dust, fume, bacteria, vibration, social phycology

GULF

and including working surrounding i.e. land, air, water pollution, biological, waste and all its relationship.

SH&E Induction Training for Contractor - Specific Safety, Health and Environment induction training that relates to the particular site at which the contractor work is to be carried out. Contractors can work at any site of GULF using valid SH&E induction training and receiving that site specific SH&E requirements for contractors.

Job Safety Analysis (JSA) - A tool to assist in the development of a Safe Work Method Statement.

Hot Work-Any work involving burning, welding, torch cutting, grinding where sparks are produced, or brazing in maintenance and fabrication.

Lost Time Injury (LTI) - A work related injury or illness that results in absence from work for one full day or longer.

Medical Treatment Injury-A work related injury or disease that resulted in a certain level of treatment given by a physician or others medical personnel understanding orders of a physician.

Work Instruction - describes the way a work task or process is to be completed. The work instruction should outline that hazards involved and include a step by step guide on how to do the job safely. The work instruction shall also include which control measures have been introduced to ensure the safety of anyone who is affected by the task or process.

Near Miss - An unplanned sequence of event in which no property was damaged, no personal injury was sustained, and no loss occurred, but where, if conditions were different or allowed to progress, damage, injury or loss could have easily occurred.

Permit to Work - an authority issued to a contractor by site representative which gives authority to occupy the site and commence works defined within the scope of works details in the permit.

Safety Data Sheets (SDS) – A source of information about the hazards of materials used in the process. It is intended to provide.

Site - any GULF's Power Plants.

Work or Working - Any and all services, acts, obligations, duties and responsibilities necessary to the successful completion of the project assigned to or undertaken by contractor under agreements, acknowledgements, work orders, change orders, purchase orders or other documents or instructions, whether written or oral, including the furnishing of all labor, services, materials, equipment and other incidentals.

4. Contractor's Responsibility

4.1 The contractors shall comply with this manual that the minimum expectations of GULF and shall take all reasonable actions to prevent personal injuries and environmental incidents associated with the work to be performed. The Contractors shall comply with all applicable SH&E laws and regulations such as Occupational Safety, Health and Environment Act B.E. 2554. Failure to do so will result in cancel the purchase order and removal from site property.

4.2 The Contractors are responsible for Contractor workers to comply with SH&E practice and meet the Goal and Objective and ensuring that all workers are competent person and well understand and comply with this manual, Site SH&E contractor management program and other relevant legal standard requirement.

4.3 Contractor shall demonstrate a strong commitment to SH&E matters and must have established written SH&E -related policies and procedures.

4.4 Contractor shall participate in the GULF's contractor SH&E post performance evaluation. The result of evaluation will be reviewed for further job bidding and award.

4.5 Contractors shall conduct a Daily Tool Box Talk (safety briefing meeting) that including working detail, hazards identification and control measures prior commence work.

4.6 Contractor shall provide direct supervision of its subcontractors. Contractor shall submit the required subcontractor document or performance evaluation document prior subcontractors commence work.

4.7 Contractor shall provide a job qualification, safety training and certifications, for all such contractor's employee to the site SH&E personnel upon request in advance 7 days before SH&E Induction training (For planned outage maintenance, the document shall be submitted at least 7 days prior commence work). An example of SH&E document requirement list for contractors is addressed in ATTACHMENT 1 such as certifications / license for electrical work, confined space entry work, documentation of Medical certification regarding confined space entry and work at height, Training certification regarding confined space entry and work at height, Mobile crane inspection (ท.ย 2), Safety Data Sheet (SDS) etc.

4.8 Contractor shall conduct Site safety inspections in daily basis and/or Site SH&E request. Site safety inspection shall be conducted to ensure that the contractor safety

practice is complying with SH&E legal standard requirements. Safety inspections will be conducted to identify job hazards or unsafe acts, unsafe conditions and provide a corrective action to work safely as customer request.

4.9 All necessary tools and equipment will be daily inspected and attached with permit to work prior to commence work.

4.10 The Contractors shall provide a safety officer responsible for contractor safety all times when work is being performed. Safety officer determines by quantity of employee/worker accordingly

4.10.1 Number of contractors

- Contractors total 2 - 19 persons requires Safety officer at Supervisory level
- Contractors total 20 - 49 persons requires Safety Officer at Technical Level
- Contractor total 50 - 99 persons requires Safety Officer at High Technical Level
- Contractors total >100 person requires Safety Officer at Professional Level

All Safety officer level should be qualified and registered through the Social and security welfare office which is their company located by legal standard requirement. Safety officers shall responsible for.

1. Have an authority to STOP work if unsafe working
2. Responsible for administering the contractor's SH&E program
3. Participate a daily routine safety inspection with Site SH&E
4. Supply a daily SH&E report to site SH&E, detailing any SH&E related items, including SH&E statistics, near misses, environmental releases, details on Toolbox Talk and actions that have been taken due to daily safety inspection
5. During Site safety inspection, Safety officer shall responsible for safety inspection only, not the other work assignment at the same time.

4.10.2 Type of works require a Safety officer and competent worker.

a. Hazardous work eg. Hot Work, High Voltage, Work with chemical or Chemical Cleaning, Work at Height, Radiation work, Excavation work, Lifting work, Confined space entry work etc.

1. Safety Officer at Supervisory Level or Safety Officer at Technical Level or Safety Officer at High Technical Level or Safety Officer at Professional Level is required as GULF requirement.
2. Fire watchman in case of hot work (trained in fire watchman course)
3. Welding work: Submit welder name list with work experience and welding certificate to GULF in advance prior commence work.

4. For Installation and maintenance work of Air conditioning system and equipment service is required Contractor's training certification also.

b. Confined Space Entry Work (All confined space works)

1. Safety Officer at Supervisory Level or Safety Officer at Technical Level or Safety Officer at High Technical Level or Safety Officer at Professional Level
2. Fire watchman in case of hot work which trained in Fire watch training course.
3. Supervisors in confined space working (appointment and certificate)
4. Operators in confined space working (appointment and certificate)
5. Assistant in confined space working (appointment and certificate)

5 General Requirements

5.1 Site Security Requirements

a. Site premises are not be accessed by Contractors without prior authorization by GULF.
b. Only designated roads, gates, and doors should be used for entry or exit. Contractor's employees shall park in the designated area by the work location.
c. When entering and exiting site premises, vehicles and belongings are subject to screening. Contractors may be required to present valid government photo identification (e.g., Identification Card, Driver's License or Passport) to security and sign in and out of the premises. Contractor's ID badge will be issued by security.
d. Bringing tools and equipment into site premises, Contractors shall complete Material Gate Pass Form and Tools & Equipment inventory list form. Then all tools & equipment will be stored in proper location and storage with locked key to prevent lost and unauthorized use.

5.2 Contractor Parking

a. All Vehicle parking in designated area only.
b. Parking in front of fire hydrants or emergency equipment is not allowed.
c. Vehicles may be driven onto site or the company's premises only for short periods for the purpose of loading and unloading.

d. If the contractor needs to use special vehicles or equipment in order to carry out the work and entry site premises. Contractor shall inform the work supervisor or security to allocate appropriate parking areas.
e. In case of violation the parking rules, vehicles may be removed from site premises and any cost will be charged to owner's vehicle.

5.3 First Aid Kit Provision

a. The Contractors shall provide necessary first aid kits for their employees.
b. Any major medical emergency cases shall be immediately reported to Site SH&E.
c. Any outside emergency assistance will be coordinated through Site SH&E. This assured that the right persons are notified and in place when ambulances or emergency support arrives on site.

5.4 Housekeeping

a. Smoking is prohibited throughout the site area. Only designated area with safety sign "SMOKING AREA" is allowed for smoking. The site SH&E will inform the Contractors and describe where smoking area is in the site area during site SH&E induction training.
b. Good housekeeping is Contractor's responsibility and keep on the working place clean and orderly all times.
c. At the completion of the work, the working place shall be in safe and tidy condition. Work supervisor will make a final inspection the workplace area.

5.5 Personal Protective Equipment and Clothes

a. Contractor's employees shall wear appropriate clothes for the work being performed with safety. Long sleeves shirt and long pant is mandatory clothes for working in Power plant.
b. Appropriate footwear shall consist of, at a minimum; safety shoes shall be worn during work all times. Sneakers or sandals are prohibited.
c. Contractor is responsible for ensuring that PPE had identified in risk assessment or Job Safety Analysis (JSA) is available to and worn by their employees who will be perform the work. Contractor's employees shall be appropriately trained in the proper PPE using, maintenance and storage. For an example Basic PPE addressed in ATTACHMENT 2
d. Adequate eye protection (e.g., safety glasses with attached side shields; chemical googles, welding helmet or face shield) shall be worn whenever the potential for eye injury exists (e.g., flying objects, use of power tools, potential for chemical splashing, working on or near exposed energized components) or when specified as a safety requirement at the site.
e. Hard hats shall be worn whenever there is hazard of being struck by or against, falling objects, striking the head on a hard or sharp surface. Any hats shall be not worn under the hard hats (except welders with welder

caps). Nothing shall be stored between hard hat suspension system and hat shell that would affect the performance of the hard hat.

5.6 Control of Hazardous Energy (Lock out/Tag out; LOTO)

To protect all employees and contractors who are engaged in servicing, maintenance, inspection, construction and / or similar activities on energized equipment or system such as Electricity, Steam, Flammable gas or Hazard chemical etc. This is accomplished by ensuring the control of hazardous energy sources, by means of Lock out / Tag out procedures, to prevent energization, start-up, release, or stored energy that could cause injury to workers. The Contractor work supervisor shall review and check Lock out / Tag out with GULF Work supervisor prior commence work to ensure all hazard energy sources are isolated and under control.

Lock out / Tag out process is following as

1) Notify Hazard energy sources of an equipment or system to be shutdown for maintenance.
2) Shutdown an equipment and put equipment at its normal or rest position and cannot harm to worker.
3) Isolate an equipment. Separate an equipment from any energy sources such as open circuit breaker, close valve etc.
4) Apply Lockout/Tagout Devices with any isolated energy sources to assure that all energy resources have been secured and labeled properly.
5) Control stored energy by discharge any energy stored in an equipment and verify by zero energy test.
6) Lock out /Tag out shall be removed or de-isolate by authorized person only. Do Not Allowed an unauthorized person remove Lock out / Tag out.

5.7 Waste Management

Contractors shall follow a GULF waste management program. Any contractor activities or works should be identified and estimated any waste types to be generated, handling and disposal method. All waste material, hazardous or non-hazardous waste, shall be segregated and placed into closed containers with waste label properly. And then Contractors shall coordinate with Site Work supervisor and Site SH&E for waste handling and disposal next process. All waste containers shall not be kept or storage nearby stormwater gutter or

drainage water system. For an example of waste management is addressed in ATTACHMENT 3

5.8 Environmental Requirement

Contractors shall comply with all applicable laws, rules, regulation, and standards, including GULF Environmental Policy accordingly

5.8.1 All hazardous chemicals, oil and process solutions containment shall be provided a secondary containment to prevent any chemical spillage or leakage contaminate surrounding environment. Secondary containment should be designed to contain all hazard chemical volume. The containment shall be inspected leakage in periodic. The secondary containment drain valve shall be normally closed all times. All chemical containers shall not be kept or storage nearby stormwater gutter or drainage water system.

5.8.2 Immediately report to site SH&E of any spill, releases or other environmental incidents and take corrective action to prevent and clean up any release or spills. Emergency response plan shall be following and report.

6 Specific Requirements

6.1 Confined Space Entry

a. Contractor shall establish and maintain a Confined Space Entry Program comply with the Ministerial Regulations on the Standard of Administration and Management of Occupational Safety, Health and Work Environment in Confined Space B.E. 2562 and other standard requirement.
b. The contractors performing any confined space tasks shall be qualified and physically fit for duty. A confined space entry permit is required and safe work practices applicable to the type of confined space shall be enforced. The copy of permit should be clearly displayed at the work and PPE prompt use prior commence work.
c. Certification of "Confined Space Entry" (refresh every 5 years) and "Medical Certificate" (it is valid only 6 months from date of issue) shall be submitted to Work supervisor and site SH&E prior to work in advance 7 days.
d. Unauthorized person shall not be entry in Confined space area. Safety sign must be placed "Danger, DO NOT Entry in Confined space area"
e. Atmospheric monitoring shall be performed to monitor hazardous atmospheric conditions in confined space prior to entry and monitor in periodic. Atmospheric gas monitoring such as Oxygen, LEL (flammability) and H_2S, SO_2, CO and/or other

hazardous chemical may be required. Such monitoring shall be documented and available upon request.
f. Confined space area shall be properly air ventilated prior to or during work. Attendant person shall be provided and standby outside the confined space area all times. Attendant person shall be appropriately trained as legal requirement. Emergency response plan, emergency equipment and communication tool shall be available and ready for an emergency case.
g. Where hot work and gas pipeline or gas welding is carried out in the confined space area, local exhaust ventilation shall be provided all times.
h. The Fire Watchman shall be on-site where hot work commencing.
i. Hazardous work permit shall be issued for hot work activity. Atmospheric monitoring such as Oxygen, LEL (flammability) shall be performed prior to commence hot work.

6.2 Cutting / Welding or Hot Work

a) Contractor shall comply with Hot work permit procedure and relevant legal standard requirement.
b) Fire watch man shall be provided for hot work activity. Fire watch man must be trained a fire watch training. Hot work permit and fire watch certification should be present in working place. PPE must be worn prior to commence hot work.
c) DO NOT allow to perform Hot work without fire watch standby.
d) DO NOT allow to discharge or venting any combustible gas, dust or hazardous chemical during perform hot work.
e) Contractors are required to provide their own fire extinguisher(s) of Dry chemical type minimum fire rating 6A20B and prompt use in workplace.
f) All flammable and combustible material shall be removed from hot work area at least 10 meters. Fire blanket or cover shall be used to prevent fire ball or flying spark from hot work.
g) Combustible gas monitoring shall be done prior to commence hot work and during perform work in periodic. Combustible gas measure should not more than 10% LEL (Lower Explosive Limit).
h) Gas welding operation, the oxygen, acetylene or LPG cylinder and oxygen-fuel system regulators shall be installed flashback arrestors which is certified according to ISO 5175 and EN730-1. The flashback arrestors are installed as minimum at the regulator end of Gas cylinders and the torch installed the non-return valve (typical) as DIW practicable. For an example of Gas welding equipment and flashback arrestors safety practice is addressed in ATTACHMENT 4

6.3 Crane and Mobile Crane / Sling, Rigging

a) Contractors shall establish and maintain a Lifting work, Sling, Rigging and Crane & Mobile Crane operation comply with relevant of legal standard requirements and following by a safety practice as addressed in ATTACHMENT 5
b) Contractors who work with Lifting work, Sling, Rigging and Crane & Mobile Crane operation shall be trained. Permit to work and PPE must be used prior to commence work.
c) Lifting work and Crane & Mobile crane operation shall be following a safety standard practice strictly. Emergency response plan shall be set up and exercise.
d) Contractors shall be competent for crane operation and lifting signal.
e) Contractor shall survey the lifting area and lifting working environment for Lifting plan preparation and risk assessment. Lifting plan categorize by Routine lifting and Critical lifting. Routine lifting plan should be performed for low risk lifting work and lifting plan form is shown in ATTACHMENT 6. Critical lifting plan should be performed for high risk lifting work.

Routine Lifting is

- Lifting load < 25 tones.
- Lifting load capacity < 75% of SWL
- Other lifting that excluding Critical lifting

Critical lifting is

- Lifting load ≥25 tones.
- Lifting load capacity ≥75% of SWL
- Lifting that Central Gravity not stable
- Lifting that apply a Jibboom
- Lifting cross over the operating equipment or process pipeline
- Tandem lifting of 2 cranes or more
- Lifting a hazardous material of explosive material or cause of major incident case
- Aerial lift or Boom lift
- Lifting in limit or complex area and outrigger cannot fully extended
- Lifting near the High-Voltage Power lines
- Lifting in the soft area or probable to subsided area

f) Contractors shall inspect the Lifting equipment by visual inspection and/or load test as legal standard requirement. Crane and Mobile crane routine inspection and report (known as ร1 or ร2) shall be done to comply with legal standard requirement. If we found lifting equipment is damaged or unsafe condition it will be removed and correct immediately.

g) Contractors shall be onsite and survey the lifting area and nearby working conditions such as equipment/ machine in workplace, lifting radius and limited area. Contractor shall ensure the crane's rate load capacity and load weight of lifting work. Overload lifting is not allowed.

h) Lifting tools and equipment (i.e. sling, shackle, hook, hoist) shall be inspected each day prior to commence lifting work. If we found lifting tools is damaged and unsafe condition it will be replaced by new one.

i) Taglines are required for control suspended loads to prevent loads swing and hit another equipment.

j) Lifting work shall be barricade lifting work area and unauthorized person do not allow in the area. Nobody and no work will be allowed under a suspended loaded.

k) Contractors shall ensure the radius of the mobile crane is barricaded to prevent personnel and equipment in the area.

6.4 Scaffolding and Ladder Safety

a) Contractors and their employees shall follow and comply with Ministerial Regulation, Ministry of Labor on the prescribing of standard for Administration and Management of Occupational Safety, Health and Working Environment in relation to Construction Works B.E. 2564 (กฎกระทรวง กำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับงานก่อสร้าง พ.ศ 2564) and Administration and Management of Occupational Safety, Health and Working Environment in relation to Scaffolding and Bracing B.E. 2564 (กฎกระทรวง กำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับนั่งร้าน และค้ำยัน พ.ศ 2564 and other relevant legal standard requirement.

b) Scaffolding and ladder shall be constructed, assembled and installed to comply with the legal standard requirement. See an Example of Appropriate Scaffolding Condition as ATTACHMENT-06.

c) A designed calculation for scaffolding shall be designed by a qualified person who is certified Civil engineer and license (ใบอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม) as specify in the

Engineering Act B.E. 2542 (พระราชบัญญัติวิศวกร พ.ศ.2542). See ATTACHMENT-07 for An Example of Design Calculation for Scaffolding Erection.

d) Contractors and their employees shall use full body harness and tie-off when work at height more than 6 feet or 1.8 meters or above the working surface that no have fall protection system or handrail to be installed.

e) Scaffolding tags will be of a solid **GREEN** or **RED** color with black lettering.
It is common practice to use the following color schemes:
- **GREEN** - tags will be hung on scaffolds that have been inspected and safe for use. A green "SAFE FOR USE" tag(s) should be attached to the scaffolds at each access point after the initial inspection is done and approve for use.
- **RED** - "DANGER - UNSAFE FOR USE" (tag(s), this color tag indicates the scaffold is not approved for use
- See ATTACHMENT-08 for An Example of Scaffolding Inspection Tags

6.5 Compressed Gas Cylinder

a) Contractors shall comply with legal standard requirement regarding compressed gas cylinder hydrostatic testing.

b) Cylinder valve shall be in accordance with the Thai Industrial Standard (TIS) of cylinder valve. If the TIS has not been established, the cylinder valve shall be followed in the international standard such as CGA, BS, DIN, JIS, etc.

c) Valve connections shall be in accordance with the Thai Industrial Standard of cylinder valve connections. If the industrial standard has not been established, it then shall be followed the international standard such as CGA, etc.

d) Compressed Gas Cylinder shall have valid hydrostatic test stamps (within the last five (5) years) as per Ministerial Regulation regarding industrial gas on storage, transportation and fill-up B.E. 2549 and TIS358-2565.

6.6 Chemical Management

a) Any chemicals that effect to Ozone Depletion or Green House Gas effect shall be informed and authorized by Customer prior use in Power Plant.

b) The Contractor is responsible for chemical management to comply with the legal standard and ensuring that all users are properly trained in the chemical safety use, storage and disposal of any hazardous material or chemical involved in or related to the work as described in Safety Data Sheet (SDS).

c) Chemicals and other hazardous materials shall be properly labelled with the name of the chemical or material and its environmental, safety, and / or health hazards

d) Appropriate PPE shall be used when handling chemicals

e) Chemicals and other hazardous materials shall be properly stored according to the manufacturer's recommendations and any applicable laws or regulations

f) Except for materials intended to be left as part of a deliverable, chemicals and other hazardous materials shall be removed from site upon completion of the work activities

g) SDS's shall be readily available to site SH&E and the individuals working on the site for any hazardous materials and chemicals as applicable, and provided upon request

6.7 Electrical Work & Powered Tools and Equipment

a) The Contractor shall follow and comply with the legal standard requirement related with an electrical work and including electrical safety training and proper PPE use as specify in Job Safety Analysis.

b) Powered Tools & Equipment shall be inspected prior authorize to use, before it is returned to service after repairing and after any incident which can be suspected to have caused damage an equipment and then marked with the appropriate inspection tag. See ATTACHMENT-9 for An Example of Powered Equipment and Portable Electrical Tools Inspection Tag.

c) Portable Powered Tools and Extension Cords, all extension cords and portable electric tools shall have a three-wire grounded cord and plug (except double-insulated or battery-powered tools). Tools likely to be used in wet and conductive locations do not need grounding system if the supplied voltage is less than 50 volts or if the tools are double insulated (29 CFR 1910.304 and 1926.302)

d) Extension cords shall be in good condition and do not damage or taped or unsafe condition.

e) Powered tools, electrical wire and electrical equipment shall be inspected prior commence work in daily basis. Damaged or unsafe equipment shall not be used unless it is repaired, inspected, and tested before back to normal service.

f) If we found Powered tools or equipment be damaged or unsafe condition it shall be removed from working area and tag "Do Not Use" immediately.

6.8 Radiography Testing or Radiation work

a) The Contractor shall follow and comply with the legal standard requirement related with a radiation work and including radiation safety training and proper PPE use as specify in Job Safety Analysis.

b) Radiation work or radiography shall be evaluated working hazards before work is allowed. A radiation work permit is required and shall be documented.

c) Site radiography shall be done in an area which specific control measures and safety distance and barricade working are in place.

d) Warning signs, safety precaution information and appropriate instruction shall be provided at the radiation work area. Once the radiation work on going the warning announcement and visible signal or audible signal shall be acknowledged to all concerned parties in the area.

e) Prior commence the radiation work, contractors shall be ensured that authorized person is in the area only. Unauthorized persons do not allow in the radiation work area.

7 Safety Induction Program

All Contractors shall be trained a Safety Induction Program prior to commence work. For Planed outage maintenance program, the contractors shall be trained in advance at least 7 days prior to commence work. Safety Induction Program are included GULF and Site Specific SH&E standard requirements, Site Specific Hazards, Incident and Emergency Response Plan, Site Security & Control Area and Access Control, etc. Contractors will be informed that all safety information and if the contractors have any questions they will be discussed and clearly understanding during the safety induction program.
Contractors shall ensure all workers have been trained a Safety Induction program and refresh by annually and/or any changes of GULF & Site SH&E requirement and/or Customer requested. A copy of safety training record should be kept by Site SH&E personnel.
If the contractors have been trained the SH&E Induction program from other GULF's Power Plant previously in one (1) year then SH&E Induction program will be refreshed for the contractors. The Site SH&E personnel will inform the Site SH&E specific information such as Site layout and location, designated smoking area, Emergency response and evacuation plan, assembly points with all contractors as well.

8 Risk Assessment and Job Safety Analysis (JSA)

Prior to commence of any works, the risk assessment shall be conducted and Job Safety Analysis (JAS) form shall be completed. The detailed Job Safety Analysis (JSA) shall identify the hazards associated with the tasks and appropriate hazard control measures.
Contractors shall submit the Risk Assessment and Job Safety Analysis (JSA) to customer for review and approval. If customer has any comments the Risk Assessment and JSA will be revised and re-submitted again prior to start work.

9 Permit to Work System

9.1 Contractors shall ask the Permit to Work from customer prior commence work. GULF has site-specific Permit to Work procedures, work permit requirements and hazardous work permits. Hazardous Work means the following:

a) Working at a height above 1.8-metres
b) Working in a confined space

c) Working with electrical high voltage (> 380 VAC or 125 VDC)
d) Working with hot work activities as defined by site's policy
e) Working with radiography testing or Radiation work
f) Working with lifting equipment such as crane or mobile crane, sling & rigging
g) Working with chemicals that are classified as hazardous substances by site
h) Working with excavation to a depth more than 10 centimeters
i) Working with scaffold erection and dismantling
j) Other work as specifies by customer

Contractors shall be authorized a Permit to Work prior to commence work. The permits shall identify work to be completed and safety control measures to be following. The work permits shall be posted at the work site area until job completion.

9.2 The Contractors are required to obtain a work permit from Site representative (Site Work Supervisor) prior to the start work. The permits shall describe a scope of work, additional Hazardous work permit that may be required, potential hazards and safety control measures to be following. Permit to Work shall be issued every day before commence work.

9.3 Sounding of the Emergency Alarm in working area (except for testing purpose) All Permit to Works will be cancelled and stop work immediately. Contractors could be backed to work after the "ALL CLEAR Alarm" is sounded and re-issued Permit to Work is required before continue work.

9.4 Contractors shall not operate any site valves, equipment, fire suppression systems or alarm systems unless specifically outlined in the work permit or at the direct approval and / or presence of a site representative.

9.5 All necessary tools and equipment will be daily inspected by Contractor material, tools and equipment daily inspection form and attached with permit to work.

10 Contractor SH&E Reporting

10.1 Daily SH&E Performance Reporting

The Contractor shall commit to providing site SH&E with daily regular performance of SHE reports. The Contractor shall submit within working day of daily SH&E statistic, details of Toolbox talk conducted (topic and number of participation) and corrective actions related to site SH&E inspection taken.

10.2 Incident Reporting (Accident or Near miss report)

The Contractor shall notify the site SH&E or site Work Supervisor of all SHE incidents and injury case immediately by the initial written report to be submitted within 24 hours.

The incident investigation and root cause analysis report shall be done and corrective action and control measures should be provided to prevent reoccurring incident case.

11 Emergency Response

11.1 Contractors shall report an emergency case to Site Work Supervisor or Site SH&E immediately by using company telephone, mobile phone or Radio Chanel. Give your name, location, type of emergency you have. Wait for the information to be repeated back to you and confirmed before hanging up unless it is unsafe to do so.

11.2 When the evacuation alarm sounds, all contractors shall be stop all works and go to your assigned Assembly Point by observe the wind sock & wind direction properly, and report to your Head Count Checker.

11.3 Contractors who are working in the site area should be left the area immediately. If contractors cannot evacuate from area with safely then report to your supervisor immediately.

11.4 Do not allow the contractors go in working area until Site operations has re-issued a Permit to Work for contractors again.

12 ATTACHMENTs

12.1 ATTACHMENT-01_ SH&E document requirement list for contractors work
12.2 ATTACHMENT-02_An Example of Personal Protective Equipment
12.3 ATTACHMENT-03_An Example of Waste Management
12.4 ATTACHMENT-04_An Example of Installation of Flashback & Flame Arrestor Device for Hot work equipment
12.5 ATTACHMENT-05_An Example of Appropriate Crane Condition
12.6 ATTACHMENT-06_An Example of Appropriate Scaffolding Condition
12.7 ATTACHMENT-07_An Example of Design Calculation for Scaffolding Erection
12.8 ATTACHMENT-08_An Example of Scaffolding Inspection Tags
12.9 ATTACHMENT-09_An Example of Powered Equipment and Portable Electrical Tools Inspection Tag
12.10 ATTACHMENT-10_An Example of Lifting Plan

ATTACHMENT-01_ SH&E document requirement list for Contractors work

An Example of SH&E document requirement list for contractors work

Update - April 2024

Item no.	Type of Work and SH&E Document requirement list
1	**Confined Space Entry**
1.1	Medical Certificate for Confined Space Entry fitness to work issue by Occupational Medicine (valid in 6 months)
1.2	Confined Space Safety Training Certification as Thai Legal Standard requirement (Authorized person, Entrant person, Supervisory person and Attendant person) (Certification valid in 5 years unless the refreshed training certification is needed)
1.3	Emergency rescue plan for Confined Space Entry
1.4	Job Safety Analysis
2	**Hot Work**
2.1	Welder Training and Approval Certification (Certification Valid in 3 years)
2.2	Fire Watcher Training Certification
2.3	Job Safety Analysis
3	**Work at Height (> 1.8 meters) and Scaffolding Work**
3.1	Medical Certificate for Work at Height fitness to work issue by Occupational Medicine (valid in 1 year)
3.2	Work at Height Training Certification for contractor workers
3.3	Scaffolding Erection Training Certification
3.4	Scaffolding Inspection Training Certification
3.5	Rescue Plan for Work at Height
3.6	Manual or Work Instruction for Scaffolding Installation, Testing, Inspection, Use, Mobilization and Demolishing by manufacturer or certify by qualified engineer.
3.7	Scaffolding design document by qualified engineer (Civil engineer) is required when Scaffold more than 4 meters in height and do not have a manual or work instruction for installation by manufacturer.
3.8	Job Safety Analysis
4	**Crane Lifting and Rigging Work**
4.1	Mobile crane inspection report (ยื่นขอใช้)
4.2	Lifting gear and accessories equipment inspection and certification valid in 1 year (refer ASME B30.9)
4.3	Crane Operation Training Certification as Thai Legal Standard requirement (Crane Supervisor, Crane operator, Rigger, and Crane signaler) (Certification valid in 2 years unless the refreshed training certification is needed)
4.4	Lifting Plan (Routine Lifting Plan or Critical Lifting Plan)
4.5	Motor Vehicle Driving License Type 2 for Mobile crane driver
4.6	Job Safety Analysis
5	**Work with Chemical**
5.1	Safety Data Sheet (SDS) for chemical use
5.2	Safety Training certification for Emergency preparedness and response plan of Chemical use (for Hazardous Chemical Transportation and Unloading work only)
5.3	Motor Vehicle Driving License Type 4 for Hazardous Chemical Transportation driver
5.4	Hazardous Chemical Handling & Storage Permit (ใบ. ส) (for Hazardous Chemical Transportation and Unloading work only)
5.5	Job Safety Analysis
6	**Radiographic Testing or Radiation Work**
6.1	Radiation Source Material Handling & Use Permit (ยื่นขอ พลล 4ข)
6.2	Radiation Safety Training Certification
6.3	Certificate of Radiation Source and Decaytable of Radiation Source (radiation strength not more than 10 curies)
6.4	Calibration Certification of Radiation Survey meter
6.5	Radioactive Safety Distance Calculation
6.6	Emergency rescue plan for radiation work
6.7	Job Safety Analysis
7	**Electrical Work or Air Conditioning Installation and Service Work**
7.1	Electrical Safety Training Certification for contractor workers (Certification valid in 5 years)
7.2	Air Conditioning Installation and Service Training Certification for contractor workers (Certification valid in 5 years)
7.3	Job Safety Analysis

ATTACHMENT-01_ SH&E document requirement list for contractors work

An example of Medical Certificate for Confined Space Entry Work (part 1/2)

Medical Certificate for Confined-Space Fitness to Work	Occupational Medicine Center, Wattana Acheeva Hospital [illegible]

Part 1 for Examinee

I am Mr. / Mrs. / Miss _____

Personal identification number / Passport number _____

Health data: Please answer according to your health conditions

1. Do you ever have myocardial infarction?	☐ No	☐ Yes
2. Do you ever have valvular or septal heart disease?	☐ No	☐ Yes
3. Do you ever have cardiomegaly?	☐ No	☐ Yes
4. Do you ever have cardiac arrhythmia?	☐ No	☐ Yes
5. Do you ever have any heart disease?	☐ No	☐ Yes
6. Do you ever have asthma?	☐ No	☐ Yes
7. Do you ever have chronic obstructive lung disease or emphysema?	☐ No	☐ Yes
8. Do you ever have any lung diseases?	☐ No	☐ Yes
9. Do you ever have seizures, fit, or epilepsy	☐ No	☐ Yes
10. Do you ever have a history of abnormal movement or weakness?	☐ No	☐ Yes
11. Do you ever have cerebrovascular accident, stroke, or paralysis?	☐ No	☐ Yes
12. Do you ever have any nervous system diseases?	☐ No	☐ Yes
13. Do you ever have chronic [illegible] of urination?	☐ No	☐ Yes
14. Do you ever have any mental/mental illnesses?	☐ No	☐ Yes
15. Do you ever have claustrophobia (scared with confined space)?	☐ No	☐ Yes
16. Do you ever have psychosis e.g. major depressive disorder, schizophrenia?	☐ No	☐ Yes
17. Do you ever have drug/alcohol addiction?	☐ No	☐ Yes
18. Do you ever have bleeding disorder diseases?	☐ No	☐ Yes
19. Do you ever have hernia?	☐ No	☐ Yes
20. For female only – Are you pregnant?	☐ No	☐ Yes
21. For female only – When is your last menstrual cycle?	_____	
22. Do you ever have any diseases or other significant health history?	☐ No	☐ Yes

(If answer "Yes", Please specify details here) _____

This is to certify that the above statements are true. I give consent to the physician for medical examination and to communicate with the management regarding my safety to working in confined space.

Signature _____

Examinee

GULF

ATTACHMENT-01_ SH&E document requirement list for contractors work

An example of Medical Certificate for Confined Space Entry Work (part 2/2)

Medical Certificate for Confined-Space Fitness to Work	Occupational Medicine Center, Wattana Acheeva Hospital

Part 2 for Physician

Bangkok Hospital Rayong Date _____ Month _____ Year _____

I am (Name) Dr. _____ Medical license number _____

Has examined Mr./Mrs./Miss _____

At the (place/clinic/ward) _____ result as described below

Weight _____ kg. Height _____ cm. Body mass index (BMI) _____ kg/m²

Blood pressure _____ mm. Hg Pulse _____ /min. ☐ Regular ☐ Irregular

Physical examination result ☐ Normal ☐ Abnormal

(Specify) _____

Taking any medications ☐ No ☐ Yes (Specify name) _____

Present history of smoking ☐ No ☐ Yes (Specify amount) _____

Special tests

1. Chest X-ray ☐ Normal ☐ Abnormal (Specify) _____
2. Spirometry ☐ Normal ☐ Abnormal (Specify) _____
3. Electrocardiogram ☐ Normal ☐ Abnormal (Specify) _____
4. Complete blood count ☐ Normal ☐ Abnormal (Specify) _____
5. Eye vision test ☐ Normal ☐ Abnormal (Specify) _____
6. Hearing ability (for speech) ☐ Normal ☐ Abnormal (Specify) _____
7. _____

Physician has assessed health conditions of the examinee including those from respiratory system, heart, and other significant conditions according to Ministerial Regulation, Ministry of Labour, on the prescribing standard for administration and management of occupational safety, health and work environment in confined space, B.E. 2547, and also found that this examinee

☐ Fit to work in confined spaces

☐ Fit to work in confined spaces with restrictions or cautions

(Specify) _____

☐ Unfit to work in confined spaces

(Specify) _____

Signature _____

Physician

Caution: Confined space is dangerous for one's health and safety. According to Ministerial Regulation B.E. 2547 (Ministerial regulation B.E. 2547 (2004) states that open workers for not more than 7 hours/day and not more than 42 hours in a week. Confined space owner & operator should strictly follow safety rules in every time of operations.

GULF

ATTACHMENT-01_ SH&E document requirement list for contractors work

An example of Medical Certificate for Work at Height (part 1/2)

Medical Certificate for Working at Height	Occupational Medicine Center, Wattana Acheeva Hospital 12345, Sukhumvit Road, Saen Suk, Mueang Chonburi, Chonburi, 20130 Tel. (+66)38 111 111 Fax (+66)38 222 222 E-mail: occ@wattana.co.th

Medical Certificate for Working at Height Fitness to Work

Part 1 for Examinee

I am Mr. / Mrs. / Miss _____

Personal identification number / Passport number _____

Health data: Please answer according to your health condition

1. Do you ever have physical disabilities?	☐ No	☐ Yes
2. Do you ever have a history of cardiac heart diseases?	☐ No	☐ Yes
3. Do you ever have cardiac arrhythmias?	☐ No	☐ Yes
4. Do you ever have any heart diseases?	☐ No	☐ Yes
5. Do you ever have asthma?	☐ No	☐ Yes
6. Do you ever have any lung diseases?	☐ No	☐ Yes
7. Do you ever have seizures, fits, or epilepsy?	☐ No	☐ Yes
8. Do you ever have diseases of abnormal blood and/or immunity?	☐ No	☐ Yes
9. Do you ever have cerebrovascular accident, stroke, or paralysis?	☐ No	☐ Yes
10. Do you ever have unusual fainting or sudden loss of consciousness?	☐ No	☐ Yes
11. Do you ever have any nervous system diseases?	☐ No	☐ Yes
12. Do you ever have other serious diseases or wounds, accidents, surgical operations, or illnesses?	☐ No	☐ Yes
13. Do you ever have chronic joint pains or arthritis?	☐ No	☐ Yes
14. Do you ever have any muscle or skeletal diseases?	☐ No	☐ Yes
15. Do you ever have mental or psychiatric disorders?	☐ No	☐ Yes
16. Do you ever have amphetamine, marijuana, or marijuana use or addiction?	☐ No	☐ Yes
17. Do you ever have psychosis e.g. major depression, disorder, schizophrenia?	☐ No	☐ Yes
18. Do you ever have suicidal ideas?	☐ No	☐ Yes
19. Do you ever have hypertension?	☐ No	☐ Yes
20. Do you ever have diabetes mellitus?	☐ No	☐ Yes
21. Do you ever have bleeding disorder diseases?	☐ No	☐ Yes
22. For female only – are you pregnant?	☐ No	☐ Yes
23. For female only – When is your last menstruation period?	_____	
24. Do you ever have any diseases or other significant health history?	☐ No	☐ Yes

If answer "Yes", Please specify details here: _____

_____

_____

This is to certify that the above statements are true. I give consent to the physician for medical examination and to communicate with the management regarding my safety to working at height.

Signature _____

Examinee

GULF

ATTACHMENT-01_ SH&E document requirement list for contractors work

An example of Medical Certificate for Work at Height (part 2/2)

Medical Certificate for Working at Height	Occupational Medicine Center, Wattana Acheeva Hospital 12345, Sukhumvit Road, Saen Suk, Mueang Chonburi, Chonburi, 20130 Tel. (+66)38 111 111 Fax (+66)38 222 222 E-mail: occ@wattana.co.th

Medical Certificate for Working at Height Fitness to Work

Part 2 for Physician

Date _____ Month _____ Year _____

I am (Name) Dr. _____ Medical license number _____

Has examined Mr./Mrs./Miss _____

At the (place/clinic/ward) _____ result as described below

Weight _____ kg. Height _____ cm. Body mass index (BMI) _____ kg/m²

Blood pressure _____ mm. Hg Pulse _____ /min. ☐ Regular ☐ Irregular

Physical examination result ☐ Normal ☐ Abnormal (Specify) _____

Taking any medications ☐ No ☐ Yes (Specify name) _____

Present history of alcohol drinking ☐ No ☐ Yes (Specify frequency) _____

Special tests

1. Chest X-ray ☐ Normal ☐ Abnormal (Specify) _____
2. Spirometry ☐ Normal ☐ Abnormal (Specify) _____
3. Electrocardiogram ☐ Normal ☐ Abnormal (Specify) _____
4. Complete blood count ☐ Normal ☐ Abnormal (Specify) _____
5. Urine analysis ☐ Normal ☐ Abnormal (Specify) _____
6. Liver and kidney function tests ☐ Normal ☐ Abnormal (Specify) _____
7. Glycated hemoglobin (HbA1c) ☐ Normal ☐ Abnormal (Specify) _____
8. Eye vision test ☐ Normal ☐ Abnormal (Specify) _____
9. Ishihara color test ☐ Normal ☐ Abnormal (Specify) _____
10. Deformity of trunk, hands, arms, legs ☐ Normal ☐ Abnormal (Specify) _____
11. Handgrip power (Examined by physician) ☐ Normal ☐ Abnormal (Specify) _____
12. Upper limb power (Examined by physician) ☐ Normal ☐ Abnormal (Specify) _____
13. Lower limb power (Examined by physician) ☐ Normal ☐ Abnormal (Specify) _____
14. Cerebellar signs (Examined by physician) ☐ Normal ☐ Abnormal (Specify) _____

Physician has assessed health conditions of the examinee including those from respiratory system, heart, and other significant conditions according to Ministerial Regulation, Ministry of Labour, on the prescribing standard for administration and management of occupational safety, health and work environment in confined space, B.E. 2547, and also found that this examinee

☐ Fit to work at height

☐ Fit to work at height with restrictions or cautions

(Specify) _____

☐ Unfit to work at height

(Specify) _____

Signature _____

Physician

Caution: Working at height is a dangerous job. Employee must pass body measurement, physical testing, and health check-up. Do not work before, after and during certain period of time which may affect your health. According to Ministerial Regulation No. 2 (B.E. 2537), employee must not work on a scaffold if its width is less than 60 cm.

GULF

ATTACHMENT-02_An Example of Personal Protective Equipment



GULF

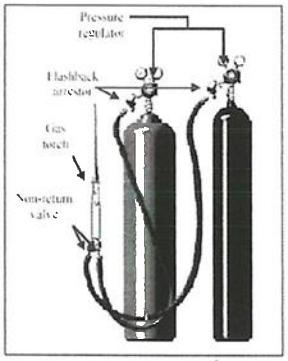
ATTACHMENT-03_An Example of Waste Management

Waste segregation program shall be implemented in workplace. Waste will be separated and collected in the waste bins with waste label and cover properly as picture below. Do not allow or use a Plastic waste bag in workplace without waste bins disorderly.



GULF

ATTACHMENT-04_An Example of Installation of Flashback & Flame Arrestor Device for Hot work equipment

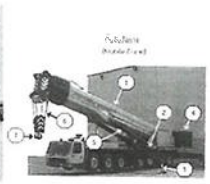


ส่วนประกอบอุปกรณ์การเชื่อมก๊าซ

GULF

ATTACHMENT-05_ An Example of Appropriate Crane Condition





1. แขนบูม (Boom)
2. เฮียเดอร์ (Outriggers)
3. ขาค้ำพื้น (Outriggers)
4. น้ำหนักถ่วง (Counterweights)
5. กระบอกไฮดรอลิค (Hydraulic ram)
6. สายเคเบิ้ล (Reinforced steel cable)
7. ตะขอ (Hook)

Telescopic Crane



Crawler Crane



Truck-Mounted Crane

Mobile Crane Safety Information request for crane operation

Crane Operator Training Certification



Mobile Crane Inspection Report (Por Jor 2)



GULF

ATTACHMENT-05_ An Example of Appropriate Crane Condition (Cont.)

การตรวจสภาพเครื่องจักรก่อนการใช้งาน



ปลดสายสลิงออกจากตะขอเกี่ยว



ไม่ควรใช้งานเครนโดยไม่คำนึงถึงและศึกษาคู่มือการใช้งานให้ดีก่อนใช้งาน



ปลดสลิงออกจากตะขอเกี่ยวก่อนเคลื่อนที่

ข้อสังเกตขณะใช้งานปั้นจั่นชนิดเคลื่อนที่



การยกน้ำหนักต้องไม่เกินกำลังยกของปั้นจั่นตามที่ระบุไว้ในคู่มือการใช้งาน







ไม่ควรยกน้ำหนักด้านข้างหรือแบบตะแคงมุม





ATTACHMENT-05_An Example of Appropriate Crane Condition (cont.)

ตัวอย่างที่ควรระวังในการใช้งานปั้นจั่นเคลื่อนที่





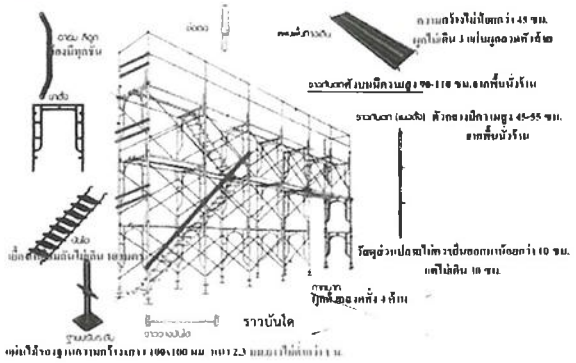
1. เชือกเหล็กลวดสลิงและห้องไม่ขาดหรือชำรุดเสียหาย
2. ตะขอและกลีอกต้องไม่มีรอยแตกร้าว



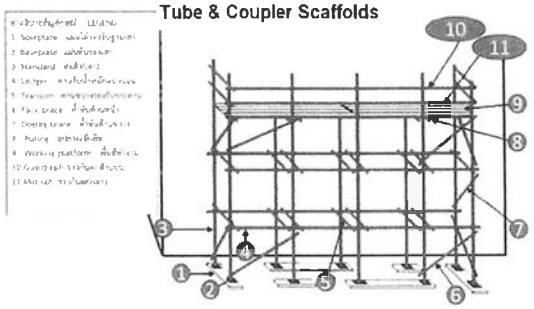


ATTACHMENT-06_An Example of Appropriate Scaffolding Condition

ลักษณะนั่งร้านหรือนั่งร้านโครงสร้างสำเร็จ



ลักษณะของนั่งร้านแบบท่อประกอบ



ATTACHMENT-06_ An Example of Appropriate Scaffolding Condition (cont.)

มาตรฐานการติดตั้งนั่งร้าน







มาตรฐานการติดตั้งนั่งร้าน





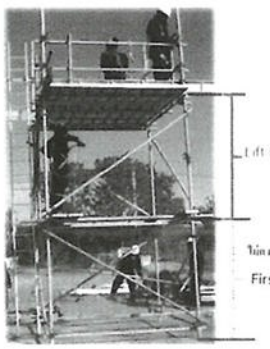
1. ปลอกบันไดต้องเพิ่มเหล็กพื้นของขั้นบันไดอย่างน้อย 1 เมตร
2. ความเอียงประมาณ 4:1 หรือ 75 องศา
3. แต่ละช่วงของบันไดมีความสูงเฉลี่ยไม่เกิน 6 เมตร
4. บันไดที่มีขนาด 6 เมตรต้องมีชานพักอย่างน้อย 1 จุด





ATTACHMENT-06_ An Example of Appropriate Scaffolding Condition (cont.)

มาตรฐานการติดตั้งนั่งร้าน





1. นั่งร้านไม่เกิน 12 เมตร ระยะห่างของไม้เกิน 2 เมตร
2. นั่งร้านเกิน 12 เมตรระยะห่างของไม้เกิน 1.5 เมตร
3. นั่งร้านเกิน 21 เมตรระยะห่างของไม้เกิน 1.2 เมตร

มาตรฐานการติดตั้งนั่งร้าน

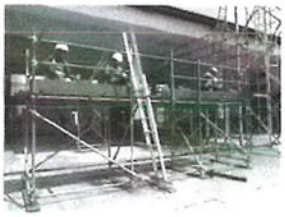


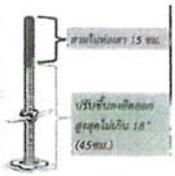




ATTACHMENT-06_ An Example of Appropriate Scaffolding Condition (cont.)

[redacted] มาตรฐานการติดตั้งนั่งร้าน





ฐานรองปรับระดับ Jack Base หรือ Head ระยะเกลียวที่ยื่นออกไปไม่เกิน 18 ซม.

[redacted] การติดตั้งนั่งร้านโดยใช้แค้มป์ให้ถูกต้อง



แค้มป์ข้อต่อสำนั่งร้านกับท่อนและตงเหล็กใช้แค้มป์ฉากแบบ Double Coupler เท่านั้นและแค้มป์ต้องหงาย



ใส่ cap พลาสติกในจุดคับแคบหรือทางเดินสัญจรที่อาจเป็นจุดชน เฉี่ยวหรือกระแทก

ATTACHMENT-07_An Example of Design Calculation for Scaffolding Erection (part 1/3)

รายการข้อมูลการใช้งานและรายละเอียดประกอบการออกแบบ ตามข้อ ๖

รายการข้อมูล และสถานที่หรือหน่วยงานที่นำไปใช้งาน (ข้อ ๔)

๑. นายจ้าง/เจ้าของสถานประกอบกิจการ .....

เลขที่บัตรบุคคล/เลขบัตรประชาชน ..... เลขบัญชีประกันสังคม .....

ที่อยู่เลขที่ ..... หมู่ที่ ..... ตรอก/ซอย ..... ถนน .....

แขวง/ตำบล ..... เขต/อำเภอ ..... จังหวัด .....

โทรศัพท์ ..... E mail .....

หน่วยงาน/โครงการที่มีการติดตั้งนั่งร้าน .....

ที่อยู่เลขที่ ..... หมู่ที่ ..... ตรอก/ซอย ..... ถนน .....

โทรศัพท์ ..... E-mail .....

ข้อมูลและรายการใช้งานนั่งร้าน ดังนี้

๒. ชนิด/ประเภทนั่งร้าน : .....

๓. วัตถุประสงค์ หรือลักษณะของการทำงาน : ☐ งานก่อสร้าง ☐ งานอื่น ได้แก่ .....

๔. ความสูงการใช้งานนั่งร้าน : ความสูง ..... เมตร

๕. วันเริ่มและสิ้นสุดการใช้งานนั่งร้าน : ระหว่างวันที่ ..... ถึงวันที่ .....

๖. ชนิดของวัสดุที่ใช้สร้างนั่งร้าน ☐ ไม้ ☐ เหล็ก ☐ อื่นๆ .....

๗. จำนวนผู้ปฏิบัติงานสูงสุด ..... คน

๘. ขนาดหรือน้ำหนักของวัตถุอุปกรณ์ที่จะนำขึ้นไปใช้บนนั่งร้าน ..... กิโลกรัม

๙. วัตถุประสงค์ของการนำไปใช้กับลักษณะงาน หรือการใช้งานที่เหมาะสมกับประเภทของนั่งร้าน : .....

๑๐. โอกาสได้รับผลกระทบ (ถ้ามี) : .....

๑๑. ข้อควรระวังมิอมีการใช้นั่งร้าน : .....

ATTACHMENT-07_An Example of Design Calculation for Scaffolding Erection (part 2/3) (cont.)

๖

รายละเอียดข้อมูลประกอบการออกแบบ (ข้อ ๕)

ข้อมูลของผู้สร้าง ผู้ผลิต หรือผู้คำนวณออกแบบ

๑. นั่งร้านโดย : ☐ ผู้ผลิต ☐ ไม่มีวิศวกร ☐ มีวิศวกรออกแบบคำนวณ

๒. ข้อมูลและรายละเอียดประกอบการคำนวณออกแบบ : ผู้ผลิต/วิศวกร

☐ ชื่อผู้ผลิต .....

☐ ชื่อวิศวกร ..... เลขที่ใบอนุญาต .....

๓. ชนิด/ประเภทของนั่งร้าน : .....

๔. ชนิด/ค่าคงวัสดุ : ☐ ไม้ มีหน่วยแรงดัด ..... กิโลกรัมต่อตารางเซนติเมตร

☐ เหล็ก : มีหน่วยแรงดึง ..... กิโลกรัมต่อตารางเซนติเมตร

☐ อื่นๆ ได้แก่ ..... มีหน่วยแรง ..... กิโลกรัมต่อตารางเซนติเมตร

๕. น้ำหนักบรรทุกใช้งาน: น้ำหนักบรรทุกคงที่ (Dead load) ..... กิโลกรัมต่อตารางเมตร

น้ำหนักบรรทุกจร (live load) ..... กิโลกรัมต่อตารางเมตร

น้ำหนักบรรทุกจากสภาพแวดล้อม (ถ้ามี) ☐ ลม ☐ แรงดันน้ำ ☐ แรงอื่นๆ .....

น้ำหนักจากสภาพแวดล้อม ..... กิโลกรัมต่อตารางเมตร

ผลรวมน้ำหนักบรรทุกใช้งาน ..... กิโลกรัมต่อตารางเมตร

๖. น้ำหนักบรรทุกใช้งานสูงสุดเพื่อการออกแบบ ..... กิโลกรัมต่อตารางเมตร

น้ำหนักบรรทุกสูงสุดสำหรับการใช้งานจริง ..... กิโลกรัมต่อตารางเมตร

นั่งร้านสามารถใช้งานได้จริงที่ความสูงสุด (ความสูงของงานออกแบบใช้งาน) ..... เมตร

รายการเอกสารแนบที่เกี่ยวข้อง

ลำดับ	รายการ	มี	ไม่มี	หมายเหตุ
๑. เมื่อมีการใช้นั่งร้าน	ข้อบังคับและขั้นตอนการปฏิบัติงาน	.....	.....	
๒. กรณีใช้นั่งร้าน	๒.๑ แบบแปลนผังบริเวณพื้นที่การติดตั้งนั่งร้าน ซึ่งมีรายละเอียด เช่น ผังบริเวณพื้นที่การทำงาน เส้นทางเข้า ออก ขึ้น ลง สำหรับผู้ปฏิบัติงานหรืออุปกรณ์	.....	.....	
	๒.๒ กำหนดทางขึ้น - ลง และเข้า - ออก ของผู้ปฏิบัติงาน ระบุวัสดุและอุปกรณ์สำหรับการยึดหรือติดสร้างโครงสร้างและส่วนประกอบของนั่งร้าน หรือดำเนินจัดทำสำหรับขั้นตอนสำหรับการสร้าง ประกอบ ติดตั้ง ตรวจสอบ ใช้ เคลื่อนย้าย และการรื้อถอนนั่งร้านประเภทนั้น ๆ	.....	.....	

ATTACHMENT-07_An Example of Design Calculation for Scaffolding Erection (part 3/3) (cont.)

๗

ลำดับ	รายการ	มี	ไม่มี	หมายเหตุ
	๒.๓ แบบแปลน และรายการประกอบแบบแปลน (เฉพาะนั่งร้านตามข้อ ๓ ชุดประกาศกรมสวัสดิการและคุ้มครองแรงงาน)	.....	.....	
๓. ตรวจสอบก่อนติดตั้งใช้งาน	๓.๑ ตรวจสอบวัสดุ อุปกรณ์ก่อนการประกอบ การติดตั้ง	.....	.....	โดย .....
	๓.๒ ตรวจสอบ ทดสอบ ก่อนการใช้งาน เมื่อวันที่	.....	.....	โดย .....
๔. ตรวจสอบการใช้	๔.๑ ก่อนการใช้งานทุกวัน	.....	.....	โดย .....
	๔.๒ ทุกเดือน (เฉพาะนั่งร้านตามข้อ ๒.๓ ของประกาศกรมสวัสดิการและคุ้มครองแรงงาน)	.....	.....	โดย .....
	๔.๓ หลังผลกระทบจากฤดูฝนหรือสภาพแวดล้อม (ถ้ามี)	.....	.....	โดย .....

ข้อมูลและรายละเอียดเพิ่มเติม (ถ้ามี) .....

๗ วันที่ ..... เดือน ..... พ.ศ. .....

ลงชื่อ ..... นายจ้าง/ผู้กระทำการแทน

(.....)

GULF

ATTACHMENT-08_An Example of Scaffolding Inspection Tags

GULF

ใบอนุญาตใช้นั่งร้าน

Location (สถานที่)

Reference No.

Requested By

Erected By

Date & Time (วัน/เวลา)

Inspected By

Date & Time

นั่งร้านนี้ผ่านการตรวจสอบแล้ว

STRUCTURE TO BE USED FOR

ความสามารถในการรับน้ำหนัก
DESIGN LOAD ON SCAFFOLDS

กก./ตร.ม.
kg/m^2

ห้ามดัดแปลงแก้ไขนั่งร้านโดยไม่ได้รับอนุญาต
DO NOT MODIFY WITHOUT PERMISSION
ห้ามใช้งานเกินน้ำหนักออกแบบที่ระบุ
DO NOT APPY LOAD OVER DESIGN LOAD

ตารางบันทึกการตรวจสอบ
INSPECTION RECORD

วันที่ตรวจสอบ Inspection Date	ชื่อผู้ตรวจสอบ Inspector Name

Note : ต้องตรวจสอบและลงชื่อในตารางบันทึก

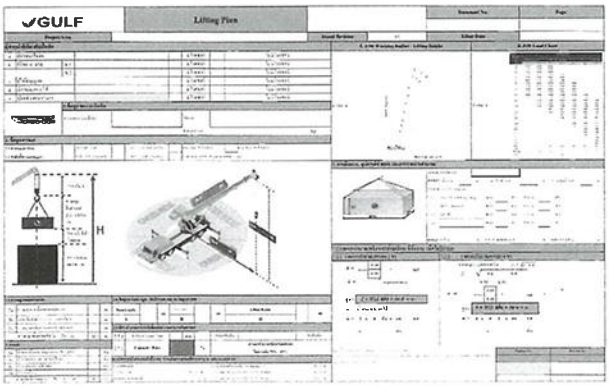
GULF

ATTTACHMENT-09_An Example of Powered Equipment and Portable Electrical Tools Inspection Tag

GULF INSPECTION TAG	
NAME OF EQUIPMENT:	
RESPONSIBLE PERSON/ CONTRACTOR:	
INSPECTION DATE :	EXPIRED DATE:
AUTHORIZED BY:	

GULF

ATTACHMENT-10_An Example of Lifting Plan



ภาคผนวก ข.2-2

สำเนาหนังสือนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน
และแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบ
ผลกระทบสิ่งแวดล้อม ครั้งที่ 2/2567
ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ.2567

GULF JP
U Thai

เลขที่ GUT O 12-2025 / 0004

บริษัท กัลฟ์ เจพี ยูที จำกัด (โรงไฟฟ้าอุทัย)
999 หมู่ 1 ตำบลบ้านข้าง อำเภออุทัย
จังหวัดพระนครศรีอยุธยา 13210

7 มกราคม 2568

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567

เรียน เลขาธิการสำนักงานคณะกรรมการกำกับกิจการพลังงาน

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 จำนวน 3 เล่ม และแผ่นบันทึกข้อมูล จำนวน 3 แผ่น

ด้วย บริษัท กัลฟ์ เจพี ยูที จำกัด ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ01(3)/56-048 โดยมีสถานประกอบกิจการตั้งอยู่ในพื้นที่ของสวนอุตสาหกรรมโรจนะ เลขที่ 999 หมู่ 1 ตำบลบ้านข้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา ซึ่งได้รับการพิจารณาเห็นชอบต่อรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตามหนังสือที่ ทส 1009.7/8770 ลงวันที่ 17 พฤษภาคม 2567 และเลขที่รายงาน (ตามระบบ Smart EIA) เลขที่ 5107 ทั้งนี้ โครงการต้องจัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม เป็นประจำทุก 6 เดือน ต่อหน่วยงานราชการที่เกี่ยวข้อง

ในการนี้ บริษัทฯ ได้จัดทำรายงานดังกล่าวแล้วเสร็จ โดยเป็นรายงานระยะดำเนินการ ครั้งที่ 2/2567 ฉบับระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 บริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป ดังสิ่งที่ส่งมาด้วย ทั้งนี้หากมีข้อสงสัยสามารถสอบถามข้อมูลเพิ่มเติมได้ที่ [redacted]

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

[redacted]

20 ม.ค. 68

Gulf JP UT
Company Limited

8th Floor, M. Thai Tower, All Seasons Place,
87 Wireless Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand

Tel: +66 2080 4499
Fax: +66 2080 4455
www.gulf.co.th

GULF JP
U Thai

กรมโรงงานอุตสาหกรรม
เลขที่ 1044
รับที่ 20 มค. 2568
เวลา 8.24

เลขที่ GUT O 12-2025 / 0007

บริษัท กัลฟ์ เจพี ยูที จำกัด (โรงไฟฟ้าอุทัย)
999 หมู่ 1 ตำบลบ้านข้าง อำเภออุทัย
จังหวัดพระนครศรีอยุธยา 13210

7 มกราคม 2568

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567

เรียน อธิบดีกรมโรงงานอุตสาหกรรม

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 จำนวน 1 เล่ม และแผ่นบันทึกข้อมูล จำนวน 1 แผ่น

ด้วย บริษัท กัลฟ์ เจพี ยูที จำกัด ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ01(3)/56-048 โดยมีสถานประกอบกิจการตั้งอยู่ในพื้นที่ของสวนอุตสาหกรรมโรจนะ เลขที่ 999 หมู่ 1 ตำบลบ้านข้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา ซึ่งได้รับการพิจารณาเห็นชอบต่อรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตามหนังสือที่ ทส 1009.7/8770 ลงวันที่ 17 พฤษภาคม 2567 และเลขที่รายงาน (ตามระบบ Smart EIA) เลขที่ 5107 ทั้งนี้ โครงการต้องจัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม เป็นประจำทุก 6 เดือน ต่อหน่วยงานราชการที่เกี่ยวข้อง

ในการนี้ บริษัทฯ ได้จัดทำรายงานดังกล่าวแล้วเสร็จ โดยเป็นรายงานระยะดำเนินการ ครั้งที่ 2/2567 ฉบับระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 บริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป ดังสิ่งที่ส่งมาด้วย ทั้งนี้หากมีข้อสงสัยสามารถสอบถามข้อมูลเพิ่มเติมได้ที่ [redacted]

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

[redacted]

Gulf JP UT
Company Limited

8th Floor, M. Thai Tower, All Seasons Place,
87 Wireless Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand

Tel: +66 2080 4499
Fax: +66 2080 4455
www.gulf.co.th

GULF JP
UThai

เลขที่ GUT O 12-2025 / 0005

บริษัท กัลฟ์ เจพี ยูที จำกัด (โรงไฟฟ้าอุทัย)
999 หมู่ 1 ตำบลบ้านช้าง อำเภออุทัย
จังหวัดพระนครศรีอยุธยา 13210

7 มกราคม 2568

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567

เรียน อุตสาหกรรมจังหวัดพระนครศรีอยุธยา

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 จำนวน 1 เล่ม และแผ่นบันทึกข้อมูล จำนวน 1 แผ่น

ด้วย บริษัท กัลฟ์ เจพี ยูที จำกัด ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ01(3)/56-048 โดยมีสถานประกอบกิจการตั้งอยู่ในพื้นที่ของสวนอุตสาหกรรมโรจนะ เลขที่ 999 หมู่ 1 ตำบลบ้านช้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา ซึ่งได้รับการพิจารณาเห็นชอบต่อรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตามหนังสือที่ ทส 1009.7/8770 ลงวันที่ 17 พฤษภคม 2567 และเลขที่รายงาน (ตามระบบ Smart EIA) เลขที่ 5107 ทั้งนี้ โครงการต้องจัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม เป็นประจำทุก 6 เดือน ต่อหน่วยงานราชการที่เกี่ยวข้อง

ในการนี้ บริษัทฯ ได้จัดทำรายงานดังกล่าวแล้วเสร็จ โดยเป็นรายงานระยะดำเนินการ ครั้งที่ 2/2567 ฉบับระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 บริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่าน และดำเนินการตามขั้นตอนต่อไป ดังสิ่งที่ส่งมาด้วย ทั้งนี้หากมีข้อสงสัยสามารถสอบถามข้อมูลเพิ่มเติมได้ที่ [redacted]

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

[redacted]
บริษัท กัลฟ์ เจพี ยูที จำกัด

[redacted]

Gulf JP UT
Company Limited
8th Floor, M. Thai Tower, All Seasons Place,
87 Wireless Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand
Tel: +66 2080 4499
Fax: +66 2080 4455
www.gulf.co.th

GULF JP
UThai

เลขที่ GUT O 12-2025 / 0006

บริษัท กัลฟ์ เจพี ยูที จำกัด (โรงไฟฟ้าอุทัย)
999 หมู่ 1 ตำบลบ้านช้าง อำเภออุทัย
จังหวัดพระนครศรีอยุธยา 13210

7 มกราคม 2568

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567

เรียน ผู้จัดการสวนอุตสาหกรรมโรจนะ

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 จำนวน 1 เล่ม และแผ่นบันทึกข้อมูล จำนวน 1 แผ่น

ด้วย บริษัท กัลฟ์ เจพี ยูที จำกัด ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ01(3)/56-048 โดยมีสถานประกอบกิจการตั้งอยู่ในพื้นที่ของสวนอุตสาหกรรมโรจนะ เลขที่ 999 หมู่ 1 ตำบลบ้านช้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา ซึ่งได้รับการพิจารณาเห็นชอบต่อรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตามหนังสือที่ ทส 1009.7/8770 ลงวันที่ 17 พฤษภคม 2567 และเลขที่รายงาน (ตามระบบ Smart EIA) เลขที่ 5107 ทั้งนี้ โครงการต้องจัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม เป็นประจำทุก 6 เดือน ต่อหน่วยงานราชการที่เกี่ยวข้อง

ในการนี้ บริษัทฯ ได้จัดทำรายงานดังกล่าวแล้วเสร็จ โดยเป็นรายงานระยะดำเนินการ ครั้งที่ 2/2567 ฉบับระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2567 บริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่าน และดำเนินการตามขั้นตอนต่อไป ดังสิ่งที่ส่งมาด้วย ทั้งนี้หากมีข้อสงสัยสามารถสอบถามข้อมูลเพิ่มเติมได้ที่ [redacted]

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

วันที่รับเอกสาร 20 / ม.ค. / 68
เวลา [redacted]
ผู้รับเอกสาร [redacted]

[redacted]
บริษัท กัลฟ์ เจพี ยูที จำกัด

Gulf JP UT
Company Limited
8th Floor, M. Thai Tower, All Seasons Place,
87 Wireless Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand
Tel: +66 2080 4499
Fax: +66 2080 4455
www.gulf.co.th

ภาคผนวก ข.2-3

เอกสารขั้นตอนการบำรุงรักษาดูแลการทำงานของระบบหล่อเย็น

วิธีปฏิบัติงาน

Work Instruction

เรื่อง

การบำรุงรักษาหอหล่อเย็น (Cooling Tower)

WI-MTN-MM-06

ORIGINAL

ผู้ทบทวน		ผู้อนุมัติ
Chaiwan V.	Warat N.	Anawat P.
นายชัยนันท์ บุญเจริญกิจ	นายวรัสถ์ นิยมะพันธุ์	นายอนวุฒน์ ด่านกิตติโสภณ
Mechanical Engineer	Mechanical Leader	Maintenance Manager
วันที่ 1/5/23	วันที่ 03 MAY 2023	วันที่ 03 MAY 2023

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เอ็นเนอร์จี ดีเวลลอปเมนท์ จำกัด (มหาชน)เท่านั้น
หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

ตารางบันทึกการแก้ไขเอกสาร

แก้ไขครั้งที่	ผู้แก้ไข	วันที่มีผลบังคับใช้	หน้าที่แก้ไข	จำนวนหน้ารวม	วัตถุประสงค์	รายละเอียดการเปลี่ยนแปลง
1	รัชพันธ์	1 May 2023	-	5	ประกาศใช้ครั้งที่ 1	เขียนขึ้นใหม่ทั้งหมดเพื่อใช้เป็นวิธีปฏิบัติงาน

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เอ็นเนอร์จี ดีเวลลอปเมนท์ จำกัด (มหาชน)เท่านั้น
หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

1. จุดประสงค์

เพื่อเป็นแนวทางในการปฏิบัติงานในส่วนบำรุงรักษา โรงไฟฟ้า ให้เป็นไปอย่างถูกต้องและปลอดภัย ต่อบุคลากรและเครื่องจักร

2. ขอบเขต

วิธีปฏิบัติงานนี้ ใช้ในโรงไฟฟ้า IPP กลุ่มบริษัทกัลฟ์ฯ เท่านั้น

3. คำจำกัดความ

บริษัทฯ หรือ โรงไฟฟ้าฯ หมายถึง โรงไฟฟ้า IPP ในกลุ่มบริษัทกัลฟ์ฯ

พนักงาน หมายถึง บุคลากรของโรงไฟฟ้า IPP ในกลุ่มบริษัทกัลฟ์ฯ

ผู้รับจ้าง หมายถึง บุคลากรภายนอกโรงไฟฟ้าที่ได้รับว่าจ้างตามกระบวนการจัดซื้อจัดจ้างของกลุ่มบริษัทกัลฟ์ฯ

4. ผู้ปฏิบัติงาน

4.1 ผู้จัดการส่วนบำรุงรักษา รับผิดชอบกำกับดูแลการปฏิบัติงาน ให้เป็นไปตามขั้นตอนและแผนที่วางไว้

4.2 หัวหน้าแผนก รับผิดชอบควบคุม ตรวจสอบ ตามแผนการบำรุงรักษาเชิงป้องกัน(PM) การบำรุงรักษาตามสภาพ(CBM) และการบำรุงรักษาเชิงแก้ไขปรับปรุง(CM)

4.3 วิศวกรบำรุงรักษา ทำหน้าที่ปฏิบัติรวมทั้งรับผิดชอบควบคุมกำกับผู้รับจ้าง ผู้ที่ได้รับมอบหมายให้ปฏิบัติงาน การบำรุงรักษาเชิงป้องกัน (PM) การบำรุงรักษาตามสภาพ(CBM) และการบำรุงรักษาเชิงแก้ไขปรับปรุง(CM) ตามขั้นตอน ให้สำเร็จด้วยความเรียบร้อย สะอาด ถูกต้อง ปลอดภัย และส่งมอบเครื่องจักร พื้นที่ ให้ฝ่ายเดินเครื่อง

4.4 วิศวกรเดินเครื่อง รับผิดชอบประสานงาน ดูแลพื้นที่ ที่มีการปฏิบัติงานการบำรุงรักษาเชิงป้องกัน(PM) การบำรุงรักษาตามสภาพ(CBM) และการบำรุงรักษาเชิงแก้ไขปรับปรุง(CM) ให้สำเร็จด้วยความเรียบร้อย สะอาด ถูกต้อง ปลอดภัย และตรวจสอบก่อนการรับมอบเครื่องจักร พื้นที่จากฝ่ายบำรุงรักษา

4.5 หัวหน้าเดินเครื่อง รับผิดชอบประสานงาน อนุญาตหรือไม่อนุญาตให้ปฏิบัติงาน การบำรุงรักษาเชิงป้องกัน(PM) การบำรุงรักษาตามสภาพ(CBM) และการบำรุงรักษาเชิงแก้ไขปรับปรุง(CM) ตามขั้นตอน รับมอบเครื่องจักร พื้นที่ และพิจารณาปิดใบอนุญาตทำงาน

5. ความถี่ในการปฏิบัติ

5.1 การบำรุงรักษาหอหล่อเย็น (Cooling tower) ตามแผน Preventive maintenance (รายวัน,รายเดือน,รายสามเดือน,รายปี)

5.2 การบำรุงรักษาหอหล่อเย็น (Cooling tower) ตามแผนซ่อมบำรุงเครื่องจักรของผู้ผลิต (Outage maintenance plan schedule)

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เอ็นเนอร์จี ดีเวลลอปเมนท์ จำกัด (มหาชน)เท่านั้น
หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

6. ขั้นตอนการปฏิบัติงาน

6.1 วิศวกรบำรุงรักษา ประเมินงาน และปฏิบัติให้สอดคล้องตามข้อกำหนดความปลอดภัยในการทำงานบริษัท (ESMS)

6.2 การบำรุงรักษาหอหล่อเย็น (Cooling tower) เชิงป้องกัน (Preventive maintenance)

No	Activity	Reference
Daily		
1.	วิศวกรเดินเครื่อง ตรวจสภาพทั่วไปของ หอหล่อเย็น (Cooling tower) • การรั่วซึมของ น้ำมันหล่อลื่น ระดับน้ำมันใน Sight glass • การรั่วของน้ำ ใน Cooling basin • การเปลี่ยนสี ของสารดูดความชื้น (Silica gel) โดยสีที่เปลี่ยนขึ้นอยู่กับแต่ละยี่ห้อที่ใช้งาน • เสียงผิดปกติ ที่เกิดขึ้น • ความสะอาดบริเวณรอบเครื่องจักร บันทึกค่าพารามิเตอร์สำคัญ ต่อการเดินเครื่อง	OPERATION LOG SHEET/ LOGBOOK/ SAP NOTIFICATION
2.	วิศวกรเดินเครื่อง บันทึกค่าพารามิเตอร์สำคัญ ต่อการเดินเครื่อง (DCS)	
Monthly		
1.	วิศวกรเดินเครื่อง ทำการทดสอบ (Start Test) หอหล่อเย็น (Cooling tower)	Routine Swap &Test Equipment
Six Monthly		
1.	วิศวกรบำรุงรักษาทำการตรวจสอบสภาพ Drive shaft and coupling	FW-MTN-MM-06-01 FW-MTN-MM-04-01 PM VIBRATION RECORD
2.	วิศวกรปฏิบัติการทำการตรวจสอบน้ำมันร้ำไหล ของชุด Gear Box	
3.	วิศวกรปฏิบัติการทำการตรวจสอบระหัดน้ำมันของชุด Gear Box	
4.	วิศวกรปฏิบัติการทำการ Clean strainer ของชุด Gear Box	
5.	วิศวกรบำรุงรักษาทำการตรวจสอบ Orifice ของชุด Gear Box	
6.	วิศวกรบำรุงรักษา ตรวจสอบสภาพ Fan Blade (Cooling tower fan)	
7.	วิศวกรบำรุงรักษาทำการตรวจสอบสภาพ Looseness part (Bolt/Nut/Cover /U-Bolt/Hub)	
8.	วิศวกรบำรุงรักษาทำการตรวจสอบสภาพ ทั่วไปของ Fan stack	
9.	วิศวกรปฏิบัติการ ทำการเก็บค่า Vibration	

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เอ็นเนอร์จี ดีเวลลอปเมนท์ จำกัด (มหาชน)เท่านั้น
หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

Yearly		
1.	วิศวกรบำรุงรักษา เปลี่ยนน้ำมัน Lube oil gearbox หรือ ตาม condition การเดินเครื่อง	
2.	วิศวกรบำรุงรักษาตรวจสอบสภาพ Silica Gel	
Plan Outage		
1.	วิศวกรบำรุงรักษาจัดให้มีการทำการ Re-Torque U-Bolt / Hub	ตามแบบฟอร์มของผู้รับจ้าง
2.	วิศวกรบำรุงรักษาจัดให้มีการตรวจสอบสภาพใบพัดลม (Fan blade)	
3.	วิศวกรบำรุงรักษาจัดให้มีการตรวจวัดค่า องศามุมใบ (Blade angle) และระยะปลายใบพัด (Tip Clearance)	
4.	วิศวกรบำรุงรักษาจัดให้มีการตรวจวัดค่า Alignment	
5.	วิศวกรบำรุงรักษาจัดให้มีการตรวจสอบสภาพ Drift eliminators	
6.	วิศวกรบำรุงรักษาจัดให้มีการตรวจสอบสภาพ Water distribution และ Spray nozzles	
7.	วิศวกรบำรุงรักษาจัดให้มีการตรวจสอบสภาพ Fill pack ทำการสุ่มชั่งน้ำหนัก อย่างน้อย 3 cell ในตำแหน่งเดิมที่กำหนด 1 ชิ้น ดูแนวโน้มการเพิ่มขึ้นของน้ำหนัก	
8.	วิศวกรบำรุงรักษาจัดให้มีการตรวจสอบสภาพ Sound net/ Noise attenuator	

7. ข้อควรระวังด้านความปลอดภัยและสิ่งแวดล้อม

7.1 ส่วมใส่อุปกรณ์ความปลอดภัยส่วนบุคคล ถุงมือ แว่นตากันฝุ่น รองเท้า SAFETY และอุปกรณ์ความปลอดภัยอื่น ๆ ที่จำเป็นต่อการทำงาน

7.2 การจัดการของเสียทั้งหมดต้องปฏิบัติตามระเบียบปฏิบัติเรื่องการจัดการขยะและของเสีย (ESMS-En-P-04)

8. เอกสารอ้างอิง

ไม่มี

9. บันทึก

- FW-MTN-MM-06-01 CHECK SHEET COOLING TOWER 6M
- FW-MTN-MM-04-01 PM VIBRATION RECORD

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เอ็นเนอร์จี ดีเวลลอปเมนท์ จำกัด (มหาชน)เท่านั้น
หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

ภาคผนวก ข.2-4

ผลการตรวจติดตามปริมาณเชื้อลิจิโอเนลล่า (Legionella spp.)
ในหอหล่อเย็น

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location: GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-1
Sampled Date	Mar 10, 2025 9:36 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำ CW Make up
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimurai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted. Unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location: GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-2
Sampled Date	Mar 10, 2025 9:45 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำใน CW Basin
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimurai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted. Unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location: GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-3
Sampled Date	Mar 10, 2025 10:15 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำ CW Blowdown
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimurai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted. Unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location: GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-4
Sampled Date	Mar 10, 2025 9:40 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำ CW Make up
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimurai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted. Unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-5
Sampled Date	Mar 10, 2025 10:00 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำใน CW Basin
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimural

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2518034
Date Received : Mar 10, 2025
Date Reported : Mar 27, 2025
Report Number : 3243100-1

Sample Number	2518034-6
Sampled Date	Mar 10, 2025 10:15 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำ CW Blowdown
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Legionella spp.	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampling By : Thitiwan Aimural

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by [redacted]

ภาคผนวก ข.2-5

ระเบียบปฏิบัติการรับเรื่องร้องเรียน

Grievance Handling Procedure

Document Number:	ESMS-En-P-02
Area of Applicability:	Gulf Group Plant Facilities
Responsible Center:	Corporate EH&S Management
Current Revision:	0
Current Revision Date:	15 December 2018

Reviewed By: [redacted]

Vice President – Corporate EH&S Management

Approved By: [redacted]

Senior Vice President – Plant Services and Corporate EHS Leader

REVISION HISTORY

NOTE

Document is due for a sixth revision, revise and reissue it as a new, original document using the current document number.

REVISION	REASON FOR REVISION	APPROVED BY
Revision 0 Dated 15 June 2018	Initial Release	Sarote Navasuwitsawa
Revision 1 Dated		
Revision 2 Dated		
Revision 3 Dated		
Revision 4 Dated		
Revision 5 Dated		

DISTRIBUTION LIST

DOCUMENTARY CENTER	FORMAT
CORPORATE EH&S MANAGEMENT	Signed Original
NKCC	Controlled Copy
GCC	Controlled Copy
SCC	Controlled Copy
GYG	Controlled Copy
GPG	Controlled Copy
GKP1&2	Controlled Copy
GTLC	Controlled Copy
GNNK	Controlled Copy
GNLL	Controlled Copy
GCRN	Controlled Copy
GNK2	Controlled Copy
GNS	Controlled Copy
GUT	Controlled Copy
GVTP	Controlled Copy
GTS1&2	Controlled Copy
GTS3&4	Controlled Copy
GNC	Controlled Copy
GBL	Controlled Copy
GBP	Controlled Copy
GNLL2	Controlled Copy
GNPM	Controlled Copy
GNRV1&2	Controlled Copy

TABLE OF CONTENTS

SECTION	DESCRIPTION	PAGE NUMBER
	TITLE PAGE	1
	REVISION HISTORY	2
	DISTRIBUTION LIST	3
	TABLE OF CONTENTS	4
1.0	PURPOSE	5
2.0	SCOPE	5
3.0	DEFINITIONS	5
4.0	RESPONSIBILITY	6
5.0	PROCEDURE	7
6.0	REFERENCE DOCUMENTS	9
7.0	ATTACHMENTS	10

1 Purpose

1.1 เพื่อใช้เป็นช่องทางในการรับเรื่องร้องเรียนจากผู้ที่ได้รับผลกระทบจากการดำเนินการของโรงไฟฟ้า และเป็นแนวปฏิบัติในการดำเนินการสอบสวนหาสาเหตุ และแก้ไขข้อร้องเรียนที่เกิดขึ้น โดยกำหนดเป็นกรอบการดำเนินงานที่มีความชัดเจนและมุ่งให้เกิดการปฏิบัติที่เป็นไปในทิศทางเดียวกันในทุกโรงไฟฟ้าของกลุ่มบริษัท ก๊อฟ

1.2 เพื่อให้มั่นใจได้ว่าข้อร้องเรียนทั้งหมดจะได้รับการบันทึก ตรวจสอบหาสาเหตุ และดำเนินการแก้ไข รวมถึงการวิเคราะห์เพื่อกำหนดเป็นแนวทางป้องกันการเกิดซ้ำในอนาคต ซึ่งจะเป็นประโยชน์ต่อการดำเนินการของโรงไฟฟ้าต่อไป

2 Scope

2.1 ใช้ในการระบุ และติดตามกฎหมาย และข้อกำหนดต่าง ๆ ทางด้านสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัยให้แก่พนักงานภายในโรงไฟฟ้าและผู้ที่ปฏิบัติงานภายในโรงไฟฟ้า

3 Definitions

3.1 ข้อร้องเรียน หมายถึง คำร้องเรียนจาก ประชาชนที่อาศัยในพื้นที่โดยรอบโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า รวมถึงพื้นที่ใกล้เคียง ในเรื่องที่เกี่ยวกับปัญหาที่เกิดความเดือดร้อนรำคาญกับความเป็นอยู่ คุณภาพชีวิต สุขภาพอนามัยและความปลอดภัย และสิ่งแวดล้อมที่เกิดการการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า รวมถึงหนังสือแจ้งเรื่องร้องเรียนจากทางราชการ

3.2 ผู้ร้องเรียน หมายถึง ประชาชนที่อาศัยในพื้นที่โดยรอบโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า รวมถึงพื้นที่ใกล้เคียง ซึ่งได้รับผลกระทบจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า

3.3 ช่องทางรับเรื่องร้องเรียน หมายถึง วิธีการที่ผู้ร้องเรียนใช้ในการแจ้งข้อร้องเรียน ความคิดเห็น และข้อเสนอแนะต่อโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า ได้แก่ การแจ้งด้วยตนเอง โทรศัพท์ โทรสาร บันทึก จดหมาย จดหมายอิเล็กทรอนิกส์ โดยแจ้งผ่านทางผู้นำชุมชน คณะกรรมการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม เป็นต้น

3.4 คณะกรรมการการมีส่วนร่วมของชุมชน หมายถึง คณะกรรมการซึ่งตั้งขึ้นเฉพาะโรงไฟฟ้า IPP ซึ่งประกอบด้วยตัวแทนจากภาคส่วนต่างๆ ตามรายละเอียดที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม มีหน้าที่ในการติดตามตรวจสอบการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า

3.5 คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม หมายถึง คณะกรรมการซึ่งตั้งขึ้นเฉพาะโรงไฟฟ้า SPP ซึ่งประกอบด้วยตัวแทนจากภาคส่วนต่างๆ ตามรายละเอียดที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม มีหน้าที่ในการติดตามตรวจสอบการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า

3.6 ผู้ตรวจการสิ่งแวดล้อม หมายถึง บุคคลหรือคณะบุคคลที่ได้รับการแต่งตั้งจากคณะกรรมการการมีส่วนร่วมของชุมชน หรือคณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม เพื่อดำเนินการติดตามตรวจสอบการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า

4 Responsibility

4.1 ในกรณีของโครงการก่อสร้างโรงไฟฟ้า ตำแหน่งเจ้าหน้าที่ที่จะเป็นผู้รับเรื่องร้องเรียน โดยมีเจ้าหน้าที่ชุมชนสัมพันธ์ทำหน้าที่รับแจ้งข้อร้องเรียน ในกรณีของโรงไฟฟ้า Central Control Room (CCR) มีสถานะเป็นศูนย์รับเรื่องร้องเรียน โดยหัวหน้ากะมีหน้าที่รับแจ้งข้อร้องเรียน ซึ่งถูกแจ้งผ่านได้จากทุกช่องทางทั้งในและนอกเวลาทำการ ตลอด 24 ชม. ดำเนินการตรวจสอบหาสาเหตุเบื้องต้นในทันที และเสนอต่อผู้จัดการโครงการก่อสร้างโรงไฟฟ้า หรือ ผู้จัดการโรงไฟฟ้าพิจารณาดำเนินการต่อไป โดยต้องบันทึกรายละเอียดของข้อร้องเรียน ในกรณีที่ผู้ร้องเรียนไม่ได้แจ้งเรื่องด้วยตนเอง รวมถึงการแจ้งผลและความคืบหน้าในดำเนินการแก้ไขข้อร้องเรียนต่อผู้ร้องเรียนด้วย

4.2 ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า หรือ ผู้จัดการโรงไฟฟ้า มีหน้าที่

4.2.1 รับทราบข้อร้องเรียน

4.2.2 พิจารณาและสั่งการ แก้ไขข้อร้องเรียน รวมถึงมอบหมายผู้รับผิดชอบในการดำเนินการดังกล่าว

4.2.3 ดำเนินการประชุมรวมทั้งข้อร้องเรียน วิเคราะห์และประเมินผลเป็นรายเดือน และจัดทำรายงานสรุปเสนอต่อหน่วยงานที่เกี่ยวข้อง เพื่อเป็นข้อมูลในการวางแนวทางป้องกันและแก้ไขปัญหาในอนาคต

4.3 คณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม และผู้ตรวจการสิ่งแวดล้อมมีหน้าที่รับทราบข้อร้องเรียน ร่วมตรวจสอบหาสาเหตุ พิจารณาผลการดำเนินการ และรับทราบผลการแก้ไขข้อร้องเรียน รวมถึงเป็นตัวกลางในการประสานความร่วมมือและประชาสัมพันธ์ผลการแก้ไขข้อร้องเรียนนั้นๆ ให้ประชาชนทั่วไปได้รับทราบ เพื่อให้เกิดความเข้าใจที่ดีในการดำเนินการแก้ไขข้อร้องเรียนระหว่างผู้ร้องเรียนและโครงการก่อสร้างโรงไฟฟ้าหรือ โรงไฟฟ้า

5 Procedure

5.1 การระบุกฎหมายและข้อกำหนดที่เกี่ยวข้องด้านสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย สามารถพิจารณา ได้จากแหล่งข้อมูลต่างๆ อาทิผู้ให้รับผลกระทบ แจ้งข้อร้องเรียนหรือผลกระทบที่เกิดขึ้นไปยังโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า ผ่านทางช่องทางรับข้อร้องเรียนตามที่ได้มีการประชาสัมพันธ์ให้ชุมชนทราบ

5.2 โครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า มีสถานะเป็นศูนย์รับเรื่องร้องเรียน รวมถึงเจ้าหน้าที่ชุมชนสัมพันธ์ที่ปฏิบัติหน้าที่ในพื้นที่นั้นๆ มีหน้าที่ต้องรับแจ้งข้อร้องเรียนที่มีการแจ้งจากผู้ที่ได้รับผลกระทบผ่านทางช่องทางต่างๆ ได้แก่ การแจ้งด้วยตนเอง โทรศัพท์ โทรสาร บันทึก จดหมาย จดหมายอิเล็กทรอนิกส์ เป็นต้น ทั้งในและนอกเวลา ทำการตลอด 24 ชั่วโมง โดยผู้ร้องเรียนหรือเจ้าหน้าที่ของโรงไฟฟ้าต้องบันทึกรายละเอียดของเรื่องร้องเรียนนั้นๆ ลงใน Attachment_A1_Complaint Receipt and Investigation Form

5.3 เมื่อโครงการก่อสร้างโรงไฟฟ้า (โดยเจ้าหน้าที่ชุมชนสัมพันธ์) หรือโรงไฟฟ้า (โดยหัวหน้ากะ) ได้รับเรื่องร้องเรียนแล้ว ต้องดำเนินการตรวจสอบหาสาเหตุในทันที และต้องแจ้งผลหรือความคืบหน้าในการดำเนินการต่อผู้ร้องเรียนภายใน 24 ชั่วโมง และทุก 2 วัน หากการดำเนินการแก้ไขหรือหาสาเหตุยังไม่แล้วเสร็จ โดยต้องบันทึกรายละเอียดลงใน Attachment_A1_Complaint Receipt and Investigation Form

5.4 การดำเนินการภายหลังการตรวจสอบหาสาเหตุเบื้องต้นของข้อร้องเรียน

5.4.1 กรณีของข้อร้องเรียนที่ไม่ทราบสาเหตุแน่ชัดหรือไม่สามารถแก้ไขได้ในทันที ให้ดำเนินการประชุมหาสาเหตุในเชิงลึก รวมถึงการกำหนดแนวทางแก้ไขรวมถึงการกำหนดแนวทางแก้ไขและมอบหมายผู้รับผิดชอบในการดำเนินการแก้ไข โดยต้องแจ้งความคืบหน้าในการดำเนินการให้ผู้ร้องเรียนทราบ และให้บันทึกรายละเอียดการดำเนินการลงในแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

5.4.2 กรณีที่ทราบสาเหตุแน่ชัดหรือสามารถแก้ไขข้อร้องเรียนนั้นได้ทันที ให้นำเสนอต่อผู้จัดการโรงไฟฟ้าเพื่อพิจารณาและสั่งการทันที

5.5 เมื่อผู้จัดการโครงการก่อสร้างโรงไฟฟ้า หรือผู้จัดการโรงไฟฟ้าได้รับการแจ้งข้อร้องเรียนตามข้อ 5.4.1 และ 5.4.2 แล้ว ให้พิจารณาว่าข้อร้องเรียนนั้นๆ มีสาเหตุมาจากการดำเนินการของโรงไฟฟ้าหรือไม่ เพื่อกำหนดแนวทางการดำเนินการในขั้นตอนต่อไป

5.6 การดำเนินการแก้ไขข้อร้องเรียน กรณีข้อร้องเรียนที่ไม่ทราบสาเหตุแน่ชัดหรือไม่สามารถแก้ไขได้ในทันทีที่นำเข้าสู่ที่ประชุมหาสาเหตุเชิงลึกแล้วพบว่า ข้อร้องเรียนนั้นๆ มีสาเหตุมาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือ

โรงไฟฟ้าจริง ให้นำข้อสรุปจากการประชุมหาสาเหตุเชิงลึกมาดำเนินการแก้ไขข้อร้องเรียนโดยเร็ว กรณีข้อร้องเรียนที่มีสาเหตุชัดเจนสามารถแก้ไขได้ทันที หากพบว่าเป็นผลมาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้าจริง ให้ดำเนินมาตรการและดำเนินการแก้ไขโดยเร็ว

5.7 การดำเนินการภายหลังการแก้ไขข้อร้องเรียน

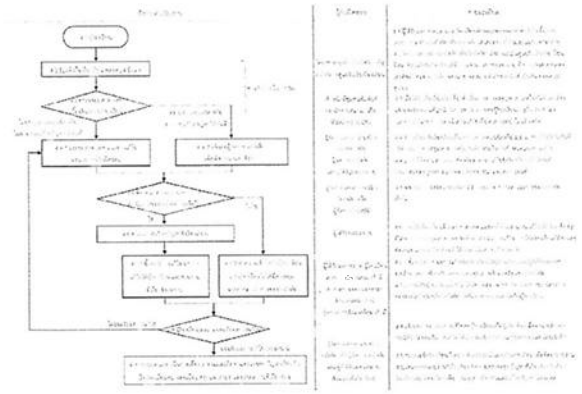
5.7.1 เมื่อการดำเนินการแก้ไขข้อร้องเรียนแล้วเสร็จให้ชี้แจงผลการแก้ไขข้อร้องเรียนต่อผู้ร้องเรียน และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี หรือส่วนงานอื่นที่เกี่ยวข้องทราบ รวมถึงชี้แจงมาตรการป้องกันและควบคุมคุณภาพสิ่งแวดล้อม ที่โรงไฟฟ้าดำเนินการอยู่ เพื่อสร้างความมั่นใจให้กับผู้ร้องเรียน

5.7.2 กรณีที่ตอบสวนหาสาเหตุเบื้องต้น หรือประชุมหาสาเหตุเชิงลึกแล้วพบว่า ข้อร้องเรียนนั้นๆ ไม่ได้มีสาเหตุ มาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า ให้รับชี้แจงทำความเข้าใจกับผู้ร้องเรียน รวมถึงชี้แจงมาตรการป้องกันและควบคุมคุณภาพสิ่งแวดล้อมของโรงไฟฟ้าที่ดำเนินการทำคลุ่เพื่อให้เกิดความเข้าใจที่ถูกต้อง และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี หรือส่วนงานอื่นที่เกี่ยวข้องเพื่อทราบด้วย

5.8 การแจ้งผลการแก้ไขข้อร้องเรียนภายหลังการดำเนินการแก้ไขแล้วนั้น ให้แจ้งผลการดำเนินการต่อผู้ร้องเรียนเพื่อลงนามรับรองผลการแก้ไข และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี และส่วนงานที่เกี่ยวข้อง อาทิ ฝ่ายชุมชนสัมพันธ์ เพื่อทราบ ทั้งนี้ หากผลการแก้ไขยังไม่เป็นที่ยอมรับของผู้ร้องเรียนหรือผู้ที่เกี่ยวข้อง ให้นำกลับเข้ากระบวนการสอบสวนสาเหตุเชิงลึกเพื่อดำเนินการตามขั้นตอนต่อไป เว้นแต่การแก้ไขข้อร้องเรียนได้ดำเนินการเสร็จสิ้นและเกิดผลลัพธ์ที่ชัดเจน แต่ทางผู้ร้องเรียนไม่ยินยอมรับการแก้ไขและไม่ยอมลงนามรับรองผลการแก้ไขโดยไม่มีสาเหตุ ให้นำผลการแก้ไขข้อร้องเรียนเสนอต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี พิจารณารับทราบผลการดำเนินการแก้ไขข้อร้องเรียนนั้นๆ ได้ โดยในกรณีของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้าที่ไม่มีคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี ให้เสนอต่อผู้บริหารสายงานบริหารธุรกิจในเครือ (Asset Management Department: AMD) เพื่อพิจารณารับรองผลการดำเนินการแก้ไขข้อร้องเรียนต่อไป

5.9 รวบรวมข้อร้องเรียน วิเคราะห์และประเมินผลเป็นรายเดือน โดยจัดทำรายงานใน Attachment_A2_Monthly Summary Record of Complaint Receipt เพื่อเสนอต่อหน่วยงานที่เกี่ยวข้อง ได้แก่ AMD ฝ่ายชุมชนสัมพันธ์ ส่วนสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย สำนักงานใหญ่ เป็นต้น รวมถึงติดตามตรวจสอบปัญหาที่เกี่ยวข้องกับเรื่องร้องเรียนอย่างต่อเนื่อง เพื่อวางแนวทางป้องกันและแก้ไขปัญหาในอนาคต

แผนผังการดำเนินการรับข้อร้องเรียน



6 Reference Documents

6.1 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าโคกแย้ 1 (กุมภาพันธ์, 2555)

6.2 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าโคกแย้ 2 (กุมภาพันธ์, 2555)

6.3 การทบทวนข้อมูลของผลกระทบสิ่งแวดล้อม ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าคลิ่งชัน (มีนาคม, 2554)

6.4 รายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้านครเนื่องเขต (เมษายน, 2556)

6.5 รายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าหนองละลอก ครั้งที่ 1 (เมษายน, 2556)

6.6 รายงานการขอเปลี่ยนแปลงรายละเอียดโครงการ โครงการโรงไฟฟ้าเรียงราดน้อย ครั้งที่ 1 (กรกฎาคม, 2556)

6.7 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าหนองแค 2 ส่วนขยายครั้งที่ 1 (กรกฎาคม, 2556)

6.8 การเปลี่ยนแปลงรายละเอียดโครงการ ครั้งที่ 4 ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าหนองแซง (มิถุนายน, 2557)

6.9 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าอุทัย (มีนาคม, 2555)

7 Attachments

7.1 Attachment_A1_Complaint Receipt and Investigation Form

7.2 Attachment_A2_Monthly Summary Record of Complaint Receipt

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)
โรงไฟฟ้า .....
ประจำเดือน .....

วันเดือนปี ที่รับแจ้ง	รายการข้อร้องเรียน	วันเดือนปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ

15 ธันวาคม 2561

* ระบุข้อมูลตามครั้งปรับปรุงเอกสาร 0

ปรับปรุงเอกสารครั้งที่ 0

แบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุ (Complaint Receipt and Investigation Form)

วันที่.....

ข้อมูลของผู้ร้องเรียน / เสนอแนะ

ชื่อ : นาย/นาง/นางสาว.....นามสกุล.....

อาชีพ.....ที่อยู่ : บ้านเลขที่.....หมู่ที่.....หมู่บ้าน.....

ตำบล.....อำเภอ.....จังหวัด.....

โทรศัพท์บ้าน.....โทรศัพท์เคลื่อนที่.....อีเมล์.....

รายละเอียดข้อร้องเรียน / ข้อเสนอแนะ

.....

.....

.....

ลงชื่อ .....

ผู้ร้องเรียน / ผู้บันทึก ( )

ผลการตรวจสอบหาสาเหตุเบื้องต้น

☐ นำเข้าประชุมหาสาเหตุเชิงลึก __/__/__ (ว/ด/ป ที่ประชุม) ☐ แก้ไขได้ทันที / สาเหตุไม่ได้เกิดจากการดำเนินการของโรงไฟฟ้า

ผลการประชุมหาสาเหตุเชิงลึก

.....

.....

.....

แนวทางการแก้ไข / ป้องกันการเกิดซ้ำ

.....

.....

.....

ลงชื่อ .....

ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า / ผู้จัดการโรงไฟฟ้า ( )

__/__/__

ผลการดำเนินการแก้ไข / การชี้แจงทำความเข้าใจกับผู้ร้องเรียน

.....

.....

.....

.....

ข้อร้องเรียนได้รับการแก้ไขเรียบร้อยแล้ว

ลงชื่อ .....

ผู้ร้องเรียน ( )

__/__/__

รับทราบและลงบันทึกข้อร้องเรียน

ลงชื่อ .....

ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า / ผู้จัดการโรงไฟฟ้า ( )

__/__/__

ภาคผนวก ข.2-6

รายงานสรุปการรับเรื่องร้องเรียน

ระหว่างดือนมกราคม-มิถุนายน พ.ศ. 2568

Gulf JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month มกราคม 2568 โรงไฟฟ้า อุทัย (GUT)

วัน/เดือน/ปี ที่รับแจ้ง Date/Month/Year	รายการข้อร้องเรียน Complaint	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินงาน Date/Month/YearCorrective Action	หมายเหตุ Remark
-	- ไม่มีข้อร้องเรียน -	-	-

Gulf JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month กุมภาพันธ์ 2568 โรงไฟฟ้า อุทัย (GUT)

วัน/เดือน/ปี ที่รับแจ้ง Date/Month/Year	รายการข้อร้องเรียน Complaint	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินงาน Date/Month/YearCorrective Action	หมายเหตุ Remark
-	- ไม่มีข้อร้องเรียน -	-	-

FP-EHS-06-02 Rev.00

Gulf JP UT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month มีนาคม 2568 โรงไฟฟ้า....อุทัย (GUT).....

วัน/เดือน/ปี ที่รับแจ้ง Date/Month/Year	รายการข้อร้องเรียน Complaint	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินงาน Date/Month/Year/Corrective Action	หมายเหตุ Remark
-	- ไม่มีข้อร้องเรียน -	-	-

Gulf JP UT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month พฤษภาคม 2568 โรงไฟฟ้า....อุทัย (GUT).....

วัน/เดือน/ปี ที่รับแจ้ง Date/Month/Year	รายการข้อร้องเรียน Complaint	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินงาน Date/Month/Year/Corrective Action	หมายเหตุ Remark
-	- ไม่มีข้อร้องเรียน -	-	-

ภาคผนวก ข.2-7

เอกสารการตรวจสอบความถูกต้องการทำงานของ (Audit CEMs)

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2517995
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3243013-1

Sample Number	2517995-1
Sampled Date	Apr 26, 2025
Sample Description	Emission from Stationary Source
Location	HRSG 11
Parameter	NOx

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual O2		Corrected Value at 7% O2		Difference
		Start	Stop	CEMs (ppm)	RM (ppm)	CEMs (ppm)	RM (ppm)	
1	26 Apr 25	11:15	11:35	19.27	18.41	35.51	33.92	-1.60
2	26 Apr 25	11:36	11:56	19.63	18.74	36.20	34.62	-1.59
3	26 Apr 25	11:57	12:17	19.66	18.77	36.31	34.74	-1.56
4	26 Apr 25	12:18	12:38	19.63	18.73	36.24	34.70	-1.54
5*	26 Apr 25	12:39	12:59	19.84	18.84	36.63	34.86	-1.77
6	26 Apr 25	13:00	13:20	19.75	18.75	36.45	34.72	-1.73
7	26 Apr 25	13:21	13:41	20.03	19.10	37.00	35.39	-1.60
8*	26 Apr 25	13:42	14:02	20.15	19.07	37.20	35.34	-1.86
9*	26 Apr 25	14:03	14:23	20.35	19.34	37.65	35.87	-1.78
10	26 Apr 25	14:24	14:44	20.51	19.56	38.03	36.30	-1.72
11	26 Apr 25	14:45	15:05	20.32	19.69	37.70	36.58	-1.12
12	26 Apr 25	15:06	15:26	20.46	19.65	37.93	36.53	-1.40
	Average					36.82	35.28	-1.54
	Confidence Coefficient (CC)							0.14
	Relative Accuracy (Compared with RM) (%)							4.77
	Relative Accuracy Criteria 1/ (Compared with RM)							≤ 20%

Reference Method : US EPA Method 7E

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of NOx is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 2 (PS-2)

RA Result is within Criteria

Technical Management [redacted]

Manager

ทะเบียนเลขที่ ว-204-ค-0006 ทะเบียนเลขที่ ว-204-ค-0003

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanal an 40, Phatthanal an Rd., I hwaeng Phatthanal an, I het Suan Luang, Bangl ol 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD Part of the ALS Group

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2517995
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3243013-1

Sample Number	2517995-1
Sampled Date	Apr 26, 2025
Sample Description	Emission from Stationary Source
Location	HRSG 11
Parameter	SO2

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual O2		Corrected Value at 7% O2		Difference
		Start	Stop	CEMs (ppm)	RM (ppm)	CEMs (ppm)	RM (ppm)	
1*	26 Apr 25	11:15	11:35	0.00	0.07	0.00	0.14	0.14
2*	26 Apr 25	11:36	11:56	0.00	0.07	0.00	0.14	0.14
3	26 Apr 25	11:57	12:17	0.00	0.07	0.00	0.12	0.12
4	26 Apr 25	12:18	12:38	0.00	0.07	0.00	0.13	0.13
5	26 Apr 25	12:39	12:59	0.00	0.07	0.00	0.13	0.13
6	26 Apr 25	13:00	13:20	0.00	0.07	0.00	0.13	0.13
7	26 Apr 25	13:21	13:41	0.00	0.07	0.00	0.13	0.13
8*	26 Apr 25	13:42	14:02	0.00	0.07	0.00	0.13	0.13
9	26 Apr 25	14:03	14:23	0.00	0.07	0.00	0.13	0.13
10	26 Apr 25	14:24	14:44	0.00	0.06	0.00	0.12	0.12
11	26 Apr 25	14:45	15:05	0.00	0.06	0.00	0.12	0.12
12	26 Apr 25	15:06	15:26	0.00	0.06	0.00	0.12	0.12
	Average					0.00	0.12	0.12
	Confidence Coefficient (CC)							0.00
	Relative Accuracy (Compared with Emission Standard : 10 ppm) (%)							1.27
	Relative Accuracy Criteria 1/ (Compared with Emission Standard)							≤ 10%

Reference Method : US EPA Method 6C

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of SO2 is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 2 (PS-2) compared with Emission Standard 10 ppm at 7%O2

RA Result is within Criteria

Technical Management [redacted]

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanal an 40, Phatthanal an Rd., I hwaeng Phatthanal an, I het Suan Luang, Bangl ol 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD Part of the ALS Group

Life Sciences www.alsglobal.com
L1730-21/ EMAIL RIGHT SOLUTIONS RIGHT PARTNER S:\Reports\Stack_CEMs1.rpt

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2517995
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3243013-1

Sample Number 2517995-1
Sampled Date Apr 26, 2025
Sample Description Emission from Stationary Source
Location HRSG 11
Parameter CO

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual O2		Corrected Value at 7% O2		Difference
		Start	Stop	CEMs (ppm)	RM (ppm)	CEMs (ppm)	RM (ppm)	
1*	26 Apr 25	11:15	11:35	0.00	0.42	0.00	0.77	0.77
2	26 Apr 25	11:36	11:56	0.00	0.37	0.00	0.68	0.68
3	26 Apr 25	11:57	12:17	0.00	0.36	0.00	0.67	0.67
4*	26 Apr 25	12:18	12:38	0.00	0.38	0.00	0.70	0.70
5	26 Apr 25	12:39	12:59	0.00	0.36	0.00	0.66	0.66
6	26 Apr 25	13:00	13:20	0.00	0.36	0.00	0.67	0.67
7	26 Apr 25	13:21	13:41	0.00	0.33	0.00	0.62	0.62
8*	26 Apr 25	13:42	14:02	0.00	0.37	0.00	0.69	0.69
9	26 Apr 25	14:03	14:23	0.00	0.32	0.00	0.59	0.59
10	26 Apr 25	14:24	14:44	0.00	0.27	0.00	0.50	0.50
11	26 Apr 25	14:45	15:05	0.00	0.27	0.00	0.50	0.50
12	26 Apr 25	15:06	15:26	0.00	0.35	0.00	0.65	0.65
	Average					0.00	0.61	0.61
	Confidence Coefficient (CC)							0.06
	Relative Accuracy (Compared with Emission Standard : 690 ppm) (%)							0.10
	Relative Accuracy Criteria 1/ (Compared with Emission Standard)							≤ 5%

Reference Method : US EPA Method 10

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of CO is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 4 (PS-4) compared with Emission Standard 690 ppm at 7%O2

RA Result is within Criteria

Technical Management [redacted]

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2517995
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3243013-1

Sample Number 2517995-1
Sampled Date Apr 26, 2025
Sample Description Emission from Stationary Source
Location HRSG 11
Parameter O2

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual		Difference
		Start	Stop	CEMs (%)	RM (%)	
1	26 Apr 25	11:15	11:35	13.36	13.36	0.00
2	26 Apr 25	11:36	11:56	13.36	13.37	0.01
3	26 Apr 25	11:57	12:17	13.37	13.39	0.02
4	26 Apr 25	12:18	12:38	13.37	13.39	0.02
5	26 Apr 25	12:39	12:59	13.37	13.39	0.02
6*	26 Apr 25	13:00	13:20	13.37	13.40	0.03
7*	26 Apr 25	13:21	13:41	13.37	13.40	0.03
8*	26 Apr 25	13:42	14:02	13.37	13.40	0.03
9	26 Apr 25	14:03	14:23	13.39	13.41	0.02
10	26 Apr 25	14:24	14:44	13.40	13.41	0.01
11	26 Apr 25	14:45	15:05	13.41	13.42	0.01
12	26 Apr 25	15:06	15:26	13.40	13.42	0.02
	Average			13.38	13.40	0.01
	Confidence Coefficient (CC)					-
	Relative Accuracy (Compared in Actual) (%)					0.01
	Relative Accuracy Criteria (%)					≤ 1%

Reference Method : US EPA Method 3A

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of O2 is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 3 (PS-3)

RA Result is within Criteria

Sampled By : Worawich Tongpoom

Technical Management [redacted]

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanal an 40, Phatthanal an Rd., I hwaeng Phatthanal an, I het Suan Luang, Bangl ol 10250 Thailand PHONE +66 0 2760 3000 I FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD Part of the ALS Group
Life Sciences www.alsglobal.com
11730-21/EMAIL RIGHT SOLUTIONS RIGHT PARTNER S:\Reports\Stack_CEMs1.rpt

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2518002
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3293387-1

Sample Number 2518002-1
Sampled Date Apr 26, 2025
Sample Description Emission from Stationary Source
Location HRSG 11
Parameter Flowrate

Relative Accuracy Test Audit Report

Run No.	Date	Time		Flowrate Data		Difference
		Start	Stop	CEMs (Nm3/Hr)	RM (Nm3/Hr)	
1*	26 Apr 25	11:15	11:35	1,700,046	1,966,918	266,872
2*	26 Apr 25	11:36	11:56	1,703,999	1,912,036	208,037
3	26 Apr 25	11:57	12:17	1,713,178	1,889,764	176,586
4*	26 Apr 25	12:18	12:38	1,697,092	1,891,064	193,972
5	26 Apr 25	12:39	12:59	1,707,327	1,796,334	89,007
6	26 Apr 25	13:00	13:20	1,704,239	1,804,824	100,585
7	26 Apr 25	13:21	13:41	1,699,737	1,829,869	130,132
8	26 Apr 25	13:42	14:02	1,706,106	1,773,227	67,121
9	26 Apr 25	14:03	14:23	1,703,625	1,678,669	-24,956
10	26 Apr 25	14:24	14:44	1,705,496	1,664,005	-41,491
11	26 Apr 25	14:45	15:05	1,695,143	1,697,663	2,520
12	26 Apr 25	15:06	15:26	1,712,911	1,646,501	-66,410
	Average			1,705,307	1,753,428	48,121
	Confidence Coefficient (CC)					64,644
	Relative Accuracy 1/ (Compared with RM) (%)					6.43
	Relative Accuracy Criteria (Compared with RM)					≤ 20 %

Reference Method : US EPA Method 2

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of Flowrate is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 6 (PS-6)

RA Result is within Criteria

Technical Management [redacted]

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanal an 40, Phatthanal an Rd., Thwaeng Phatthanal an, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. Part of the ALS Group

Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2518002
Date Received :Apr 26, 2025
Date Reported :Jun 25, 2025
Report Number :3293387-1

Sample Number 2518002-1
Sampled Date Apr 26, 2025
Sample Description Emission from Stationary Source
Location HRSG 11
Parameter Stack Temperature

Relative Accuracy Test Audit Report

Run No.	Date	Time		Temperature Data		Difference
		Start	Stop	CEMs (°C)	RM (°C)	
1*	26 Apr 25	11:15	11:35	93.5	89.8	-3.7
2*	26 Apr 25	11:36	11:56	93.5	90.0	-3.5
3*	26 Apr 25	11:57	12:17	93.2	90.7	-2.5
4	26 Apr 25	12:18	12:38	93.4	91.3	-2.1
5	26 Apr 25	12:39	12:59	93.3	91.4	-1.9
6	26 Apr 25	13:00	13:20	92.7	91.6	-1.1
7	26 Apr 25	13:21	13:41	92.4	91.5	-0.9
8	26 Apr 25	13:42	14:02	92.2	91.2	-1.0
9	26 Apr 25	14:03	14:23	92.3	91.8	-0.5
10	26 Apr 25	14:24	14:44	92.0	91.6	-0.4
11	26 Apr 25	14:45	15:05	91.8	91.6	-0.2
12	26 Apr 25	15:06	15:26	92.0	91.5	-0.5
	Average			92.4	91.5	-0.9
	Confidence Coefficient (CC)					0.5
	Relative Accuracy 1/ (Compared with RM) (%)					1.6
	Relative Accuracy Criteria (Compared with RM)					≤ 20 %

Reference Method : US EPA Method 2

Remark: * Sample with * is a rejected data

1/ Relative Accuracy Criteria of Stack Temperature is refer to 40 CFR Part 60 Appendix B : Performance Specification Test 6 (PS-6)

RA Result is within Criteria

Sampled By : Anecha Tansamai

Technical Management [redacted]

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanal an 40, Phatthanal an Rd., Thwaeng Phatthanal an, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. Part of the ALS Group

ภาคผนวก ข.2-8

ผลการตรวจวัดคุณภาพอากาศจากปล่องระบายอากาศแบบต่อเนื่อง (CEMs)

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	
															STD = 120 ppm	STD = 30 ppm	STD = 35 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 17:00:01	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 03:00:02	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 13:00:03	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 23:00:04	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
01-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
04-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
SUM									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	
															STD = 120 ppm	STD = 30 ppm	STD = 35 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jan-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jan-25 02:00:01	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
10-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jan-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
13-Jan-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-25 06:00:02	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
16-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-25 10:00:02	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-25 14:00:03	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF_GUT
HRSG_STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
SUM									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm STD = 120 ppm	STD = 10 ppm STD = 30 ppm	STD = 20 mg/m3 STD = 35 mg/m3	STD = 690 ppm STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
01-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
04-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
08-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
12-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
15-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
19-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
10-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
13-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
16-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
01-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
04-Feb-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Feb-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
08-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
12-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Feb-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Feb-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
15-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm	ppm	mg/m3	ppm	
19-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Feb-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Feb-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2025 00:00-28/2/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Feb-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Feb-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
26-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11 Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%02)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
10-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
13-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
16-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
10-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
13-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
16-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Mar-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Mar-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 22:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Mar-25 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 00:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 03:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 04:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 06:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 07:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 08:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 09:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 11:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 13:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Mar-25 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Mar-25 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2025 00:00-31/3/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 07:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-25 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-25 00:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 01:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 02:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 03:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 04:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 05:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 06:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 07:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 08:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 09:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 10:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 11:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 12:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 13:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 14:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 15:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 16:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 17:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 18:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 19:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 20:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 21:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 22:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 23:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 00:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 01:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 02:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 03:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 04:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 05:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 06:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 07:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 08:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 09:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 10:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 11:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 12:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 13:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 14:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 15:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 16:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 17:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 18:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 19:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 20:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 21:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 22:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 23:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 00:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 01:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 02:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 03:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 04:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 05:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 06:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 07:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 08:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 09:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 10:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 11:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 12:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 13:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 14:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 15:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 16:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 17:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 18:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 19:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 20:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 21:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 22:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 23:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 00:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 01:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 02:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 03:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 04:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 05:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 06:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 07:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 08:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 09:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 10:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 11:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 12:59:59	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 16:00:00	24.61049461	0	2.719784021	2.875977755	0	13.42618847	13426.18847	267.4630737	**0.000622**	**0.172683**	**0**	**0**	**0.000037**	**0.0101434**	45.61765289	0	2.719784021	0	
08-Apr-25 17:00:00	18.40935135	0	2.747480869	2.89974308	24.60531998	14.47624588	14476.24588	149.8220867	**0.000609**	**0.139274**	**0**	**0**	**0.000040**	**0.0110463**	39.68273686	0	2.747480869	53.29821777	
08-Apr-25 18:00:00	18.05482674	0	3.085651875	3.250837564	30.6703434	14.53371525	14533.71525	144.2978973	**0.000494**	**0.137134**	**0**	**0**	**0.000045**	**0.0124572**	39.26587296	0	3.085651875	66.38543701	
08-Apr-25 19:00:00	22.48143196	0	2.346785307	2.49876523	0	13.33924484	13339.24484	258.3468628	**0.000564**	**0.156723**	**0**	**0**	**0.000031**	**0.0086957**	41.37013245	0	2.346785307	0	
08-Apr-25 20:00:00	22.07863998	0	2.291826725	2.44553995	0	13.32185078	13321.85078	265.9932861	**0.000553**	**0.153714**	**0**	**0**	**0.000030**	**0.0084909**	40.36793182	0	2.291826725	0	
08-Apr-25 21:00:00	20.82605964	0	2.307360172	2.463207245	0	13.28971004	13289.71004	266.3979187	**0.000521**	**0.144606**	**0**	**0**	**0.000031**	**0.0085178**	37.92912674	0	2.307360172	0	
08-Apr-25 22:00:00	20.88602257	0	2.248790264	2.399124622	0	13.34644127	13346.44127	255.7596283	**0.000524**	**0.145679**	**0**	**0**	**0.000030**	**0.0083370**	38.33201218	0	2.248790264	0	
08-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 12:00:00	16.98495483	0	3.348280907	3.501182529	43.20236969	14.624547	14624.547	115.1565802	**0.000467**	**0.129815**	**0**	**0**	**0.000049**	**0.0136020**	37.46282452	0	3.348280907	95.31979401	
09-Apr-25 13:00:00	23.39717674	0	2.229192734	2.371089458	1.009338737	13.87077713	13870.77713	146.3171082	**0.000611**	**0.169606**	**0**	**0**	**0.000031**	**0.0085891**	46.09482574	0	2.229192734	1.747264385	
09-Apr-25 14:00:00	25.71609879	0	2.671648264	2.811471701	0	13.39100838	13391.00838	269.1008911	**0.000648**	**0.179968**	**0**	**0**	**0.000036**	**0.0099378**	47.46254349	0	2.671648264	0	
09-Apr-25 15:00:00	20.86389542	0	2.469166279	2.619697094	0	13.38438534	13394.38534	265.0399475	**0.000526**	**0.146048**	**0**	**0**	**0.000033**	**0.0091869**	38.53015518	0	2.469166279	0	
09-Apr-25 16:00:00	20.09220505	0	2.495069504	2.65089941	0	13.4206953	13420.6953	258.6269531	**0.000507**	**0.140922**	**0**	**0**	**0.000033**	**0.0093015**	37.22952652	0	2.495069504	0	
09-Apr-25 17:00:00	19.25054741	0	3.130314589	3.286650419	22.79357529	14.58040714	14580.40714	143.0785828	**0.000528**	**0.146686**	**0**	**0**	**0.000046**	**0.0126781**	42.15277863	0	3.130314589	50.03450394	
09-Apr-25 18:00:00	18.93172836	0	3.158747196	3.313116074	22.11065102	14.52779102	14527.79102	142.5284882	**0.000517**	**0.143736**	**0**	**0**	**0.000046**	**0.0127471**	41.1174736	0	3.158747196	48.36688995	
09-Apr-25 19:00:00	19.09843636	0	2.351067066	2.498623166	0	13.36023808	13360.23808	266.3105774	**0.000480**	**0.133349**	**0**	**0**	**0.000031**	**0.0087252**	35.09722137	0	2.351067066	0	
09-Apr-25 20:00:00	19.09638578	0	2.339685678	2.501571417	0	13.3473864	13343.7864	265.7774963	**0.000479**	**0.133170**	**0**	**0**	**0.000031**	**0.0086723**	35.09175476	0	2.339685678	0	
09-Apr-25 21:00:00	18.12589046	0	2.297539473	2.432265043	0	13.35059166	13350.59166	267.0509338	**0.000455**	**0.126465**	**0**	**0**	**0.000031**	**0.0085204**	33.27308273	0	2.297539473	0	
09-Apr-25 22:00:00	19.32845306	0	2.914753437	3.065570116	22.21655273	14.46589947	14465.89947	147.27742	**0.000526**	**0.146123**	**0**	**0**	**0.000042**	**0.0117124**	41.59528351	0	2.914753437	47.87028122	
09-Apr-25 23:00:00	19.03071404	0	3.034395218	3.190138951	13.60733896	14.15688896	14156.88896	164.0113092	**0.000507**	**0.140799**	**0**	**0**	**0.000043**	**0.0119327**	39.09281921	0	3.034395218	27.16963768	
10-Apr-25 00:00:00	18.14738274	0	3.284245253	3.435954571	31.26399422	14.48945904	14489.45904	143.4305573	**0.000495**	**0.137418**	**0**	**0**	**0.000048**	**0.0132186**	39.19278336	0	3.284245253	67.7844696	
10-Apr-25 01:00:00	17.82656288	0	3.631842852	3.778959751	37.16611481	14.49397182	14493.97182	118.4902649	**0.000486**	**0.135030**	**0**	**0**	**0.000053**	**0.0146222**	38.50797653	0	3.631842852	80.39217377	
10-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Apr-25 04:00:00	15.96261024	0	2.292978287	2.433193684	0	13.30979443	13309.79443	263.2121277	**0.000400**	**0.111033**	**0**	**0**	**0.000031**	**0.0084775**	29.15764046	0	2.292978287	0	
23-Apr-25 05:00:00	19.92014694	0	2.44502902	2.59323144	6.802137375	13.99649811	13996.49811	194.9010315	**0.000525**	**0.145710**	**0**	**0**	**0.000034**	**0.0095061**	40.18546295	0	2.44502902	13.59084129	
23-Apr-25 06:00:00	16.64658928	0	2.311782122	2.450250626	0	13.29375458	13293.75458	262.5631409	**0.000416**	**0.115651**	**0**	**0**	**0.000031**	**0.0085367**	30.31519699	0	2.311782122	0	
23-Apr-25 07:00:00	17.3969018	0	3.136920452	2.289269447	28.39483452	14.44197083	14441.97083	144.00354	**0.000486**	**0.135077**	**0**	**0**	**0.000045**	**0.0125843**	38.35452652	0	3.136920452	60.74363708	
23-Apr-25 08:00:00	17.72333908	0	2.917429209	3.058673859	16.91366196	14.13135719	14131.35719	175.4805603	**0.000471**	**0.130890**	**0**	**0**	**0.000041**	**0.0114520**	36.26047516	0	2.917429209	34.87514877	
23-Apr-25 09:00:00	18.90006638	0	2.271016836	2.431861162	0	13.40603447	13406.03447	252.8211517	**0.000477**	**0.132416**	**0**	**0**	**0.000030**	**0.0084570**	34.95173264	0	2.271016836	0	
23-Apr-25 10:00:00	17.59345918	0	2.525003433	2.703232952	0.014498065	13.43137264	13431.37264	238.2302246	**0.000445**	**0.123495**	**0**	**0**	**0.000040**	**0.0094206**	32.6401082	0	2.525003433	0.027696696	
23-Apr-25 11:00:00	19.38056564	0	2.442657948	2.593533278	0	13.41379452	13413.79452	264.1844788	**0.000489**	**0.135861**	**0**	**0**	**0.000033**	**0.0091015**	35.87304688	0	2.442657948	0	
23-Apr-25 12:00:00	20.71360207	0	2.449974537	2.584409714	0	13.40106392	13401.06392	259.2750854	**0.000522**	**0.145068**	**0**	**0**	**0.000033**	**0.0091201**	38.15867996	0	2.449974537	0	
23-Apr-25 13:00:00	21.38076591	0	2.498370409	2.627230644	0.940213501	14.05986977	14059.86977	192.9959869	**0.000566**	**0.157102**	**0**	**0**	**0.000036**	**0.0097574**	43.28424072	0	2.498370409	1.80321002	
23-Apr-25 14:00:00	21.03919792	0	2.532756567	2.681294203	0	13.40315914	13403.15914	264.7085876	**0.000551**	**0.147371**	**0**	**0**	**0.000034**	**0.0090497**	38.88715363	0	2.532756567	0	
23-Apr-25 15:00:00	21.09495735	0	2.600342035	2.743602991	0	13.38898563	13388.98563	264.0767822	**0.000531**	**0.147606**	**0**	**0**	**0.000035**	**0.0096711**	38.92009354	0	2.600342035	0	
23-Apr-25 16:00:00	21.37327385	0	2.385650158	2.536555052	0	13.43287945	13432.87945	250.2522125	**0.000540**	**0.150043**	**0**	**0**	**0.000032**	**0.0089017**	39.64464569	0	2.385650158	0	
23-Apr-25 17:00:00	16.95118141	0	2.292064428	2.464134839	0	13.30384827	13303.84827	251.4886682	**0.000424**	**0.117857**	**0**	**0**	**0.000030**	**0.0084704**	30.92188263	0	2.292064428	11.66723633	
24-Apr-25 05:00:00	16.47591019	0	2.479710102	2.615000486	0	13.28198433	13281.98433	267.2166748	**0.000412**	**0.114364**	**0**	**0**	**0.000033**	**0.0091487**	29.97415924	0	2.479710102	0	
24-Apr-25 06:00:00	15.87464046	0	2.263444901	2.420260429	0	13.3349123	13334.9123	262.8341675	**0.000398**	**0.110629**	**0**	**0**	**0.000030**	**0.0083841**	29.0902977	0	2.263444901	0	
24-Apr-25 07:00:00	17.9439726	0	2.293230295	3.443994949	31.00533676	14.48512268	14485.12268	143.4627533	**0.000489**	**0.135837**	**0**	**0**	**0.000040**	**0.0112508**	38.71857071	0	2.293230295	66.88910675	
24-Apr-25 08:00:00	17.2773819	0	3.383256912	3.537304401	24.57370949	14.27304935	14273.04935	153.7719879	**0.000464**	**0.128876**	**0**	**0**	**0.000048**	**0.0134137**	36.09251022	0	3.383256912	51.31128693	
24-Apr-25 09:00:00	17.71615791	0	2.358175039	2.502575636	0	13.35593796	13355.93796	259.2720032	**0.000445**	**0.123657**	**0**	**0**	**0.000033**	**0.0087448**	32.5433496	0	2.358175039	0	
24-Apr-25 10:00:00	24.06324005	0	2.505765915	2.650540829	0.095758677	13.47796535	13477.96535	234.7602997	**0.000610**	**0.169494**	**0**	**0**	**0.000034**	**0.0093813**	44.94252014	0	2.505765915	0.044147827	
24-Apr-25 11:00:00	18.53198242	0	2.280012846	2.430380583	0	13.35656071	13356.56071	261.1569214	**0.000466**	**0.129356**	**0**	**0**	**0.000030**	**0.0084592**	34.05153656	0	2.280012846	0	
24-Apr-25 12:00:00	19.22166252	0	2.28221488	2.44101119	0	13.39796066	13397.96066	259.9099731	**0.000485**	**0.134588**	**0**	**0**	**0.000031**	**0.0084936**	35.50738144	0	2.28221488	0	
24-Apr-25 13:00:00	19.27675247	0	2.36288619	2.528176308	0	13.36159039	13361.59039	259.5935364	**0.000485**	**0.134607**	**0**	**0**	**0.000032**	**0.0087700**	35.43396378	0	2.36288619	0	
24-Apr-25 14:00:00	19.39842606	0	2.310597897	2.451109886	0	13.33328533	13333.28533	260.2477417	**0.000487**	**0.135170**	**0**	**0**	**0.000031**	**0.0085577**	35.52791214	0	2.310597897	0	
24-Apr-25 15:00:00	20.48236992	0	2.28515172	2.423619881	0	13.36157703	13361.57703	260.4965112	**0.000514**	**0.142886**	**0**	**0**	**0.000031**	**0.0084817**	37.6334897	0	2.28515172	0	
24-Apr-25 16:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 17:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 18:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 19:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 20:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 21:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 22:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
24-Apr-25 23:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
25-Apr-25 00:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	#VALUE!	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	
25-Apr-25 01:00:00	18.17454436	0	2.312484503	2.468401195	0	13.30328846	13303.28846	261.1015686	**0.000455**	**0.126357**	**0**	**0**	**0.000031**	**0.0085496**	33.15910886	0	2.312484503	0	
25-Apr-25 02:00:00	18.29736519	0	2.317724466	2.468338251	0	13.30361462	13303.61462	261.6955566	**0.000458**	**0.127214**	**0**	**0**	**0.000031**	**0.0085850**	33.38163757	0	2.317724466	0	
25-Apr-25 03:00:00	18.42016792	0	2.322964668	2.47227478	0	13.30394077	13303.94077	261.6895447	**0.000461**	**0.128071**	**0**	**0**	**0.000031**	**0.0085846**	33.60716629	0	2.322964668	0	
25-Apr-25 04:00:00	18.54296875	0	2.328204632	2.476211071	0	13.30426693	13304.26693	261.6835327	**0.000464**	**0.128928**	**0**	**0**	**0.000031**	**0.0086042**	33.83269501	0	2.328204632	0	
25-Apr-25 05:00:00	18.6657148	0	2.333444585	2.48014738	0	13.30459309	13304.59309	261.6775208	**0.000467**	**0.129785**	**0**	**0**	**0.000031**	**0.0086238**	34.05821991	0	2.333444585	0	
25-Apr-25 06:00:00	18.78857422	0	2.338684559	2.484083891	0	13.30491924	13304.91924	261.6715088	**0.000470**	**0.130642**	**0**	**0**	**0.000031**	**0.0086433**	34.28374863	0	2.338684559	0	
25-Apr-25 07:00:00	18.91137505	0	2.343924522	2.488020182	0	13.3052454	13305.2454	261.6654968	**0.000473**	**0.131499**	**0**	**0**	**0.000031**	**0.0086629**	34.50927734	0	2.343924522	0	
25-Apr-25 08:00:00	19.03417778	0	2.349164486	2.491559778	0	13.30557156	13305.57156	261.6594849	**0.000476**	**0.132356**	**0**	**0**	**0.000031**	**0.0086825**	34.73480606	0	2.349164486	0	
25-Apr-25 09:00:00	19.15698051	0	2.354404449	2.495893002	0	13.30589771	13305.89771	261.6534729	**0.000480**	**0.133213**	**0**	**0**	**0.000031**	**0.0087021**	34.96033478	0	2.354404449	0	
25-Apr-25 10:00:00	18.3284893	0	2.351199865	2.492465973	0	13.32289696	13322.89696	260.835907	**0.000479**	**0.132985**	**0**	**0**	**0.000031**	**0.0087013**	33.51911545	0	2.351199865	0	
25-Apr-25 11:00:00	18.94790077	0	2.367289305	2.52606678	0	13.32842636	13328.42636	260.7295805	**0.000475**	**0.131983**	**0**	**0**	**0.000032**	**0.0087545**	34.67297745	0	2.367289305	0	
25-Apr-25 12:00:00	19.2988618	0	2.41042304	2.561609983	0	13.36446285	13364.46285	262.0102844	**0.000485**	**0.134791**	**0**	**0**	**0.000033**	**0.0089443**	35.48223877	0	2.41042304	0	
25-Apr-25 13:00:00	19.70895004	0	2.41625762	2.563682318	0	13.36114025	13361.14025	260.4102173	**0.000495**	**0.137621**	**0**	**0**	**0.000032**	**0.0089678**	36.23838806	0	2.41625762	0	
25-Apr-25 14:00:00	20.71049309	0	2.347546339	2.493280649	0	13.34415913	13344.15913	261.4364319	**0.000520**	**0.144430**	**0**	**0**	**0.000031**	**0.0087017**	37.99035645	0	2.347546339	0	
25-Apr-25 15:00:00	20.96226883	0	2.467339516	2.618525847	0	13.38505173	13385.05173	261.5441895	**0.000528**	**0.146634**	**0**	**0**	**0.000033**	**0.0091737**	38.64845731	0	2.467339516	0	
25-Apr-25 16:00:00	20.60781288	0	2.598589659	2.755449295	0	13.42095757	13420.95757	259.6461487	**0.000520**	**0.144541**	**0**	**0**	**0.000035**	**0.0098877**	38.19071579	0	2.598589659	0	
25-Apr-25 17:00:00	20.60183907	0	2.407846928	2.562419653	0	13.39667892	13396.67892	252.1972961	**0.000519**	**0.144238**	**0**	**0**	**0.000032**	**0.0089603**	38.06752014	0	2.407846928	0	
25-Apr-25 18:00:00	22.12654305	0	2.406324387	2.554610491	0	13.78751278	13787.51278	218.3475647	**0.000574**	**0.159432**	**0**	**0**	**0.000033**	**0.0092159**	43.10683823	0	2.406324387	0	
25-Apr-25 19:00:00	19.42834473	0	2.307340622	2.456695377	0	13.33431435	13334.31435	260.4008484	**0.000487**	**0.135389**	**0**	**0**	**0.000031**	**0.0085463**	36.56909943	0	2.307340622	0	
25-Apr-25 20:00:00	18.62070847	0	2.320509195	2.470776081	0	13.36971378	13369.71378	260.3519897	**0.000468**	**0.130105**	**0**	**0**	**0.000031**	**0.0086179**	34.2758255	0	2.320509195	0	
25-Apr-25 21:00:00	18.49382019	0	2.252851963	2.411151886	0	13.31289101	13312.89101	261.3246765	**0.000463**	**0.128669**	**0**	**0**	**0.000030**	**0.0083311**	33.78829193	0	2.252851963	0	
25-Apr-25 22:00:00	17.6455307	0	2.283019543	2.433680773	0	13.34402561	13344.02561	260.6712341	**0.000443**	**0.123055**	**0**	**0**	**0.000030**	**0.0084624**	32.36302567	0	2.283019543	0	
25-Apr-25 23:00:00	16.9884872	0	2.322696102	2.45804882	0	13.33248997	13332.48997	260.8343811	**0.000426**	**0.118375**	**0**	**0**	**0.000031**	**0.0086004**	31.11122551	0	2.322696102	0	
26-Apr-25 00:00:00	17.81539726	0	2.24636054	2.408853676	0	13.2684145	13268.4145	264.1874084	**0.000445**	**0.123535**	**0**	**0**	**0.000030**	**0.0082793**	32.35472488	0	2.24636054	0	
26-Apr-25 01:00:00	16.94132614	0	2.252389431	2.406474829	0	13.32028008	13320.28008	261.5447388	**0.000425**	**0.117934**	**0**	**0**	**0.000030**	**0.0083340**	30.87208748	0	2.252389431	0	
26-Apr-25 02:00:00	17.5080719	0	2.293080502	2.43471837	0	13.27289295	13272.89295	264.9605713	**0.000437**	**0.121445**	**0**	**0**	**0.000031**	**0.0084544**	31.88423536	0	2.293080502	0	
26-Apr-25 03:00:00	16.86779785	0	2.284351587	2.422431946	0	13.31602097	13316.02097	262.0295105	**0.000423**	**0.117384**	**0**	**0**	**0.000030**	**0.0084496**	30.819664	0	2.284351587	0	
26-Apr-25 04:00:00	16.88033295	0	2.353212357	2.48805356	0	13.28926277	13289.26277	262.7272949	**0.000422**	**0.117235**	**0**	**0**	**0.000031**	**0.0086868**	30.74667549	0	2.353212357	0	
26-Apr-25 05:00:00	16.37500381	0	2.323704958	2.461964846	0	13.25171757	13251.71757	261.921814	**0.000408**	**0.113404**	**0**	**0**	**0.000031**	**0.0085536**	29.66918564	0	2.323704958	0	
26-Apr-25 06:00:00	16.74603081	0	2.41579628	2.557951136	0	13.26088142	13260.88142	265.2869983	**0.000418**	**0.116054**	**0**	**0**	**0.000032**	**0.0088988**	30.37157629	0	2.41579628	0	
26-Apr-25 07:00:00	16.43816185	0	2.390094519	2.529013395	0	13.31755638	13317.55638	261.2195129	**0.000412**	**0.114407**	**0**	**0**	**0.000032**	**0.0088417**	30.03326225	0	2.390094519	0	
26-Apr-25 08:00:00	16.99132919	0	2.397549868	2.546568871	0	13.25101471	13251.01471	263.7614441	**0.000424**	**0.117667**	**0**	**0**	**0.000032**	**0.0088250**	30.76588486	0	2.397549868	0	
26-Apr-25 09:00:00	17.32138634	0	2.318709612	2.48072737	0	13.31393433	13313.93433	258.8916626	**0.000434**	**0.120522**	**0**	**0**	**0.000031**	**0.0085753**	31.60761261	0	2.318709612	0	
26-Apr-25 10:00:00	19.05193329	0	2.289433718	2.434288979	0	13.28980541	13289.80541	256.6271973	**0.000476**	**0.132323**	**0**	**0**	**0.000030**	**0.0084517**	34.70010757	0	2.289433718	0	
26-Apr-25 11:00:00	19.35874176	0	2.28604579	2.437585831	0	13.34152699	13341.52699	263.2012634	**0.000486**	**0.134977**	**0**	**0**	**0.000030**	**0.0084720**	35.48214722	0	2.28604579	0	
26-Apr-25 12:00:00	19.52536774	0	2.316833019	2.46275568	0	13.38769436	13387.69436	259.861969	**0.000492**	**0.136610**	**0**	**0**	**0.000031**	**0.0086158**	36.03221512	0	2.316833019	0	
26-Apr-25 13:00:00	19.91846275	0	2.339770794	2.491597414	0	13.35602283	13356.02283	261.132782	**0.000501**	**0.139030**	**0**	**0**	**0.000031**	**0.0086806**	36.59473419	0	2.339770794	0	
26-Apr-25 14:00:00	20.19483948	0	2.300605536	2.454767942	0	13.39652634	13396.52634	261.1149902	**0.000509**	**0.141387**	**0**	**0**	**0.000031**	**0.0085611**	37.29660034	0	2.300605536	0	
26-Apr-25 15:00:00	20.1249752	0	2.286056995	2.429399252	0	13.38664627	13386.64627	259.5345764	**0.000507**	**0.140794**	**0**	**0**	**0.000031**	**0.0085007**	37.27578735	0	2.286056995	0	
26-Apr-25 16:00:00	20.07209206	0	2.458011866	2.623963118	0	13.43505001	13435.05001	261.2816772	**0.000507**	**0.140932**	**0**	**0**	**0.000033**	**0.0091732**	37.2606971	0	2.458011866	0	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
26-Apr-25 17:00:00	19.33428574	0	2.335929871	2.456642595	0	13.43787861	13437.87861	256.2572327	**0.000489**	**0.135780**	**0**	**0**	**0.000031**	**0.0087194**	35.90553284	0	2.335929871	0	
26-Apr-25 18:00:00	20.5716048	0	2.590148211	2.744308233	7.977844238	14.25983334	14259.83334	185.4021301	**0.000552**	**0.153306**	**0**	**0**	**0.000037**	**0.0102597**	42.9385643	0	2.590148211	16.53497696	
26-Apr-25 19:00:00	19.14409447	0	2.306251049	2.465002537	0	13.38320446	13383.20446	259.2814331	**0.000482**	**0.133897**	**0**	**0**	**0.000031**	**0.0085736**	35.30169678	0	2.306251049	0	
26-Apr-25 20:00:00	17.86239433	0	2.407480001	2.554508448	0	13.33209705	13332.09705	262.9476318	**0.000448**	**0.124456**	**0**	**0**	**0.000032**	**0.0089158**	32.70735931	0	2.407480001	0	
26-Apr-25 21:00:00	17.46385002	0	2.440380573	2.584174871	0	13.35251904	13352.51904	263.4276733	**0.000439**	**0.121865**	**0**	**0**	**0.000033**	**0.0090515**	32.05187988	0	2.440380573	0	
26-Apr-25 22:00:00	17.17536926	0	2.350390911	2.498463869	0	13.3425684	13342.5684	261.6987305	**0.000431**	**0.119763**	**0**	**0**	**0.000031**	**0.0087112**	31.48407745	0	2.350390911	0	
26-Apr-25 23:00:00	16.96956062	0	2.356138229	2.504719913	0	13.31565189	13315.65189	260.1176537	**0.000425**	**0.118089**	**0**	**0**	**0.000031**	**0.0087444**	31.01635536	0	2.356138229	0	
27-Apr-25 00:00:00	19.8004837	0	2.82025075	2.964467287	4.052869936	13.86229324	13862.29324	209.8007507	**0.000516**	**0.143446**	**0**	**0**	**0.000039**	**0.0108598**	38.97049332	0	2.82025075	7.937398434	
27-Apr-25 01:00:00	18.30718613	0	2.263033152	2.403789759	0	13.31596947	13315.96947	263.3189697	**0.000459**	**0.127400**	**0**	**0**	**0.000030**	**0.0083707**	33.45168304	0	2.263033152	0	
27-Apr-25 02:00:00	23.08016777	0	2.409442425	2.554613998	0	13.49252415	13492.52415	251.7232208	**0.000586**	**0.162745**	**0**	**0**	**0.000034**	**0.0090304**	43.16305923	0	2.409442425	0	
27-Apr-25 03:00:00	17.76049805	0	2.32088232	2.495639801	0	13.33174133	13331.74133	265.5551758	**0.000445**	**0.123742**	**0**	**0**	**0.000031**	**0.0085948**	32.51773453	0	2.32088232	0	
27-Apr-25 04:00:00	16.99856377	0	2.384521246	2.532819748	0	13.31668568	13316.68568	265.5867615	**0.000426**	**0.118300**	**0**	**0**	**0.000032**	**0.0088205**	31.0635643	0	2.384521246	0	
27-Apr-25 05:00:00	16.26353073	0	2.355458975	2.512053728	0	13.27619267	13276.19267	266.827179	**0.000406**	**0.112640**	**0**	**0**	**0.000031**	**0.0086865**	29.56806755	0	2.355458975	0	
27-Apr-25 06:00:00	16.4936189	0	2.228515868	2.375536111	0	13.33587265	13335.87265	261.9453735	**0.000414**	**0.114951**	**0**	**0**	**0.000030**	**0.0082863**	30.22057724	0	2.228515863	0	
27-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 10:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 11:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 12:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 20:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 21:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 22:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
27-Apr-25 23:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
28-Apr-25 00:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
28-Apr-25 01:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail	
28-

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	15.87	0.00	2.20	2.34	0.00	13.25	13,251.01	115.17	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	29.09	0.00	2.20	0.00	
Maximum	25.72	0.00	3.63	3.78	43.20	14.64	14,637.38	269.37	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	47.46	0.00	3.63	95.37	
Avg	18.86	0.00	2.47	2.61	3.77	13.55	13,553.84	240.38	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	35.68	0.00	2.47	8.07	
sum									#VALUE!		#VALUE!		#VALUE!						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
01-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
04-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
04-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
05-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
06-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
07-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
08-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
08-Apr-25 16:00:00	19.93957329	0	2.779546499	2.853079557	0	13.54704189	13547.042	269.0444336	**0.000508**	**0.141168**	**0**	**0**	**0.000038**	**0.0104996**	37.58911514	0	2.779546499	0
08-Apr-25 17:00:00	15.65222168	0	2.881158352	2.946599722	48.23646545	14.48326969	14483.270	150.0099945	**0.000427**	**0.118473**	**0**	**0**	**0.000042**	**0.0115913**	33.76906967	0	2.881158352	104.3201752
08-Apr-25 18:00:00	15.65138054	0	2.876543522	2.916733027	36.4024353	14.31005478	14310.055	143.2870636	**0.000421**	**0.117050**	**0**	**0**	**0.000041**	**0.0114343**	32.88158035	0	2.876543522	76.13308716
08-Apr-25 19:00:00	19.01154709	0	2.203417778	2.265664471	0	13.46951103	13469.511	257.7059937	**0.000402**	**0.133828**	**0**	**0**	**0.000030**	**0.0082442**	35.46111298	0	2.203417778	0
08-Apr-25 20:00:00	17.73196602	0	2.281311512	2.34431076	0	13.50342083	13503.421	264.5752869	**0.000450**	**0.129135**	**0**	**0**	**0.000031**	**0.0089571**	33.22629166	0	2.281311512	0
08-Apr-25 21:00:00	17.36773682	0	2.2810303893	2.348530293	0	13.45979977	13459.800	266.5449829	**0.000440**	**0.122168**	**0**	**0**	**0.000031**	**0.0085284**	32.34472656	0	2.2810303893	0
08-Apr-25 22:00:00	16.99301338	0	2.3096403884	2.375542879	0	13.51295185	13512.952	256.1556396	**0.000432**	**0.120004**	**0**	**0**	**0.000031**	**0.0086695**	31.86541748	0	2.3096403884	0
08-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
09-Apr-25 13:00:00	20.43685532	0	2.274296284	2.343761921	6.968472004	13.94422817	13944.228	146.1936951	**0.000536**	**0.148931**	**0**	**0**	**0.000032**	**0.0088093**	40.70210648	0	2.274296284	13.81179523
09-Apr-25 14:00:00	20.29052734	0	2.486630201	2.574013472	0	13.52998161	13529.982	268.8532104	**0.000516**	**0.143472**	**0**	**0**	**0.000034**	**0.0093456**	38.1393013	0	2.486630201	0
09-Apr-25 15:00:00	20.10426712	0	2.435166121	2.537186901	0	13.52496311	13524.633	265.2056885	**0.000512**	**0.142093**	**0**	**0**	**0.000033**	**0.0091482**	37.7736282	0	2.435166121	0
09-Apr-25 16:00:00	19.38515854	0	2.322331667	2.383687019	0	13.5688715	13568.871	258.7332153	**0.000495**	**0.137464**	**0**	**0**	**0.000032**	**0.0087532**	36.64091873	0	2.322331667	0
09-Apr-25 17:00:00	17.08272934	0	3.038963795	3.111879349	27.25590515	14.3583107	14358.311	143.7119904	**0.000461**	**0.128185**	**0**	**0**	**0.000044**	**0.0121207**	36.16994858	0	3.

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
12-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
13-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
14-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
15-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
15-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
16-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
19-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
19-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
20-Apr-25 18:00:00	20.57014465	0	2.631156206	2.724497557	0	13.54693031	3546.930	269.1031494	**0.000524**	**0.145631**	**0**	**0**	**0.000036**	**0.009011**	38.75959396	0	2.631156206	0
20-Apr-25 19:00:00	19.35613441	0	2.577135324	2.669486771	0	13.54593754	3545.938	250.3757798	**0.000493**	**0.137026**	**0**	**0**	**0.000035**	**0.009697**	36.47114182	0	2.577135324	0
21-Apr-25 20:00:00	18.71378517	0	2.539349556	2.596128941	0	13.5093956	3509.396	264.1064453	**0.000476**	**0.132122**	**0**	**0**	**0.000034**	**0.0095292**	35.08222198	0	2.539349556	0
21-Apr-25 21:00:00	17.84003639	0	2.402527809	2.477340698	0	13.51464272	3514.643	262.5341187	**0.000454**	**0.126002**	**0**	**0**	**0.000032**	**0.0090193**	33.47009277	0	2.402527809	0
21-Apr-25 22:00:00	17.13405418	0	2.331455948	2.414250851	0	13.51011944	3510.145	256.5999146	**0.000436**	**0.120975**	**0**	**0**	**0.000031**	**0.0087496**	32.12518311	0	2.331455946	0
21-Apr-25 23:00:00	17.27819824	0	2.540899277	2.604133368	0	13.48042393	3480.424	265.6889954	**0.000438**	**0.121725**	**0**	**0**	**0.000034**	**0.0095146**	32.27380753	0	2.540899277	0
22-Apr-25 00:00:00	14.88232613	0	3.135985136	3.223749399	39.78251648	14.20957947	4209.579	150.3102112	**0.000398**	**0.110517**	**0**	**0**	**0.000045**	**0.0123781**	30.80114746	0	3.135985136	81.0092392
22-Apr-25 01:00:00	17.10499763	0	2.650730848	2.719629288	0	13.47842503	3478.425	259.9475098	**0.000434**	**0.120487**	**0**	**0**	**0.000036**	**0.0099244**	31.93135643	0	2.650730848	0
22-Apr-25 02:00:00	16.00645447	0	2.399842268	2.463653369	0	13.49068828	3480.669	262.1622925	**0.000406**	**0.112851**	**0**	**0**	**0.000032**	**0.0089932**	29.92853737	0	2.399842268	0
22-Apr-25 03:00:00	15.83872318	0	2.72141552	2.786927938	0.044402	13.53272533	3532.725	255.7538757	**0.000403**	**0.112016**	**0**	**0**	**0.000037**	**0.0102300**	29.78562164	0	2.72141552	0.027790627
22-Apr-25 04:00:00	15.6616106	0	2.525483131	2.614411831	0	13.49945927	3499.459	263.9629517	**0.000398**	**0.110492**	**0**	**0**	**0.000034**	**0.0094702**	29.308321	0	2.525483131	0
22-Apr-25 05:00:00	16.1135025	0	2.622884989	2.697255654	0	13.49037933	3490.378	265.3899841	**0.000409**	**0.113603**	**0**	**0**	**0.000036**	**0.0098219**	30.1354332	0	2.622884989	0
22-Apr-25 06:00:00	16.20682335	0	2.561486006	2.646572113	0	13.49341774	3493.418	266.1299744	**0.000411**	**0.114287**	**0**	**0**	**0.000035**	**0.0096009**	30.33094597	0	2.561486006	0
22-Apr-25 07:00:00	16.49206734	0	2.529007673	2.600034475	0.05808815	13.52420807	3524.208	255.8860016	**0.000420**	**0.116564**	**0**	**0**	**0.000034**	**0.0095008**	30.98264694	0	2.529007673	0
22-Apr-25 08:00:00	16.68556786	0	2.627397537	2.708433628	0.035522986	13.56024456	3560.245	253.5527039	**0.000426**	**0.118246**	**0**	**0**	**0.000036**	**0.0098967**	31.49879837	0	2.627397537	0.067312643
22-Apr-25 09:00:00	16.6595824	0	2.569954395	2.624218463	0	13.53124332	3531.243	256.0785522	**0.000424**	**0.117809**	**0**	**0**	**0.000035**	**0.0096596**	31.32280695	0	2.569954395	0
22-Apr-25 10:00:00	19.63159561	0	2.787421227	2.829051256	0.029034836	13.6238718	3623.872	247.8920288	**0.000503**	**0.139776**	**0**	**0**	**0.000038**	**0.0105487**	37.38135529	0	2.787421227	0.065965749
22-Apr-25 11:00:00	14.49698448	0	3.09533453	3.170167208	22.16493416	14.19220352	4192.204	160.9040527	**0.000440**	**0.122358**	**0**	**0**	**0.000044**	**0.0122027**	34.08275177	0	3.09533453	45.49822235
22-Apr-25 12:00:00	13.76159513	0	3.112811089	3.188745022	31.70351003	14.25773335	4257.733	160.1070862	**0.000423**	**0.117442**	**0**	**0**	**0.000044**	**0.0123282**	32.89185333	0	3.112811089	66.33673096
22-Apr-25 13:00:00	13.7681659	0	2.962489843	3.044632196	31.7781383	14.32294845	4322.948	160.1602652	**0.000371**	**0.103059**	**0**	**0**	**0.000037**	**0.0107868**	28.94282032	0	2.962489843	66.89634595
22-Apr-25 14:00:00	15.24947166	0	2.996236563	3.071484566	14.49637127	14.19913769	4199.138	193.9573364	**0.000407**	**0.113160**	**0**	**0**	**0.000043**	**0.0118178**	31.50845909	0	2.996236563	30.2785511
22-Apr-25 15:00:00	16.35313416	0	2.869510889	2.945195436	18.10345268	14.21834373	4218.344	190.1136627	**0.000437**	**0.121514**	**0**	**0**	**0.000041**	**0.0113332**	33.8763504	0	2.869510889	37.46073532
22-Apr-25 16:00:00	15.20388985	0	2.918097019	3.009680271	14.98215098	14.21594048	4215.940	193.9180756	**0.000407**	**0.112935**	**0**	**0**	**0.000041**	**0.0115232**	31.45291039	0	2.918097019	30.97091675
22-Apr-25 17:00:00	16.69323349	0	3.241003752	3.342345476	32.00252533	14.43338585	4433.386	142.420639	**0.000453**	**0.125917**	**0**	**0**	**0.000047**	**0.0129941**	35.72578812	0	3.241003752	68.48575592
22-Apr-25 18:00:00	15.76072884	0	3.142190695	3.19683671	42.30399323	14.42584419	4425.844	151.9096375	**0.000428**	**0.118821**	**0**	**0**	**0.000045**	**0.0125913**	33.7163353	0	3.142190695	90.57263947
22-Apr-25 19:00:00	18.15205193	0	2.521067381	2.600389004	0	13.55105019	3551.050	259.0374756	**0.000463**	**0.128551**	**0**	**0**	**0.000034**	**0.0094898**	34.22002411	0	2.521067381	0
22-Apr-25 20:00:00	14.3671584	0	3.273907423	3.347888231	39.80550766	14.2770586	4277.059	162.7223511	**0.000396**	**0.107198**	**0**	**0**	**0.000047**	**0.0129838**	30.0334986	0	3.273907423	82.9723587
22-Apr-25 21:00:00	17.46909332	0	2.466868877	2.532248497	0	13.4528532	3452.853	263.6320496	**0.000442**	**0.122818**	**0**	**0**	**0.000033**	**0.0092185**	32.50295258	0	2.466868877	0
22-Apr-25 22:00:00	17.22223473	0	2.468719244	2.51879406	0	13.51672459	3516.725	255.236908	**0.000438**	**0.121657**	**0**	**0**	**0.000033**	**0.0092692**	32.32882309	0	2.468719244	0
22-Apr-25 23:00:00	16.91873169	0	2.42592907	2.501358032	0	13.47812557	3478.126	266.8347473	**0.000429**	**0.119172**	**0**	**0**	**0.000033**	**0.0090825**	31.5761261	0	2.42592907	0
23-Apr-25 00:00:00	17.67840195	0	2.568616867	2.638463736	1.105010271	13.70685196	3706.852	227.9546967	**0.000456**	**0.126636**	**0**	**0**	**0.000035**	**0.0097799**	34.0492363	0	2.568616867	2.435991287
23-Apr-25 01:00:00	16.66448593	0	2.620996475	2.696987629	0	13.4797554	3479.755	267.146698	**0.000423**	**0.117395**	**0**	**0**	**0.000035**	**0.0098140**	31.11932373	0	2.620996475	0
23-Apr-25 02:00:00	16.01737976	0	2.582248211	2.646874428	0	13.49511051	3495.111	267.3598633	**0.000407**	**0.112965**	**0**	**0**	**0.000035**	**0.0096799**	29.96943283	0	2.582248211	0
23-Apr-25 03:00:00	15.9939127	0	2.584074497	2.63160491	0	13.48071575	3480.716	267.2477417	**0.000406**	**0.112679**	**0**	**0**	**0.000035**	**0.0096764**	29.88200569	0	2.584074497	0

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
23-Apr-25 04:00:00	16.16848373	0	2.685653687	2.770935535	0	13.46336555	13463.366	262.9906006	**0.000410**	**0.113763**	**0**	**0**	**0.000036**	**0.0100439**	30.12828827	0	2.685653687	0
23-Apr-25 05:00:00	16.12943077	0	3.032683134	3.100549936	11.98353386	13.95964146	13959.641	194.5800018	**0.000424**	**0.117671**	**0**	**0**	**0.000042**	**0.0117598**	32.16410965	0	3.032683134	23.22531891
23-Apr-25 06:00:00	16.03079224	0	2.783571482	2.833076809	0	13.47144489	13471.449	261.2183228	**0.000406**	**0.112861**	**0**	**0**	**0.000037**	**0.0104163**	29.90397263	0	2.783571482	0
23-Apr-25 07:00:00	15.16036606	0	3.654237986	3.723497391	37.03536987	14.26434231	14264.342	144.0871429	**0.000407**	**0.113015**	**0**	**0**	**0.000052**	**0.0144793**	31.62725639	0	3.654237986	77.23885345
23-Apr-25 08:00:00	14.41865349	0	3.245867491	3.324591637	25.56282043	14.06548023	14065.480	174.2704926	**0.000382**	**0.105988**	**0**	**0**	**0.000046**	**0.0126819**	29.22032547	0	3.245867491	51.88065338
23-Apr-25 09:00:00	17.50817108	0	2.527930737	2.593242884	0	13.57900333	13579.003	252.9715221	**0.000447**	**0.124247**	**0**	**0**	**0.000034**	**0.0095352**	33.14530182	0	2.527930737	0
23-Apr-25 10:00:00	16.94828415	0	2.733868109	2.791102171	0.227307975	13.59124947	13591.249	239.7625732	**0.000433**	**0.120382**	**0**	**0**	**0.000037**	**0.0102974**	32.13593674	0	2.733868109	0.090734482
23-Apr-25 11:00:00	18.98148537	0	2.529922724	2.614231825	0	13.56835365	13568.354	262.9440002	**0.000485**	**0.134597**	**0**	**0**	**0.000034**	**0.0095352**	35.87336731	0	2.529922724	0
23-Apr-25 12:00:00	19.68058968	0	2.562683821	2.634993792	0	13.56942463	13569.425	259.486084	**0.000502**	**0.139565**	**0**	**0**	**0.000035**	**0.0096595**	37.21350861	0	2.562683821	0
23-Apr-25 13:00:00	18.69345551	0	2.859143496	2.949935892	9.515415192	14.19290066	14192.901	193.8053741	**0.000451**	**0.125304**	**0**	**0**	**0.000041**	**0.0114226**	34.87638092	0	2.859143496	19.87992096
24-Apr-25 14:00:00	19.75471687	0	2.682860136	2.763103724	0	13.58896732	13588.967	263.9090576	**0.000505**	**0.140292**	**0**	**0**	**0.000036**	**0.0101270**	37.43934631	0	2.682860136	0
24-Apr-25 15:00:00	20.28455353	0	2.745575666	2.821308374	0	13.55268955	13552.690	264.2392578	**0.000517**	**0.143670**	**0**	**0**	**0.000037**	**0.0103361**	38.25908279	0	2.745575666	0
24-Apr-25 16:00:00	20.59959793	0	2.53736639	2.605238676	0	13.598876	13598.876	250.1562195	**0.000527**	**0.146399**	**0**	**0**	**0.000035**	**0.0095848**	39.08759308	0	2.53736639	0
24-Apr-25 17:00:00	17.14957428	0	2.703559399	2.776285227	10.77401447	14.11411953	14114.120	192.0864673	**0.000448**	**0.124498**	**0**	**0**	**0.000038**	**0.0104958**	34.98606595	0	2.703559399	21.94976807
24-Apr-25 18:00:00	19.12383652	0	2.406140327	2.466658115	0	13.53849888	13538.499	262.9497375	**0.000487**	**0.135308**	**0**	**0**	**0.000033**	**0.0090488**	35.99760818	0	2.406140327	0
24-Apr-25 19:00:00	18.71529961	0	2.396067381	2.470575094	0	13.57405472	13574.055	260.6767883	**0.000478**	**0.132765**	**0**	**0**	**0.000033**	**0.0090345**	35.38817978	0	2.396067381	0
24-Apr-25 20:00:00	18.56581879	0	2.430675925	2.50552084	0	13.53640461	13536.045	263.7416687	**0.000473**	**0.131339**	**0**	**0**	**0.000033**	**0.0091396**	34.93340302	0	2.430675921	0
23-Apr-25 21:00:00	17.44218254	0	2.407316685	2.471253157	0	13.52273484	13522.735	263.1000671	**0.000444**	**0.123266**	**0**	**0**	**0.000033**	**0.0090426**	32.74233627	0	2.407316685	0
23-Apr-25 22:00:00	17.2869072	0	2.468350172	2.521345377	0	13.4958868	13495.887	263.3235474	**0.000439**	**0.121926**	**0**	**0**	**0.000033**	**0.0092535**	32.35343552	0	2.468350172	0
23-Apr-25 23:00:00	17.15423203	0	2.46638298	2.534868002	0	13.47347069	13473.471	263.0007324	**0.000435**	**0.120789**	**0**	**0**	**0.000033**	**0.0092308**	31.99798965	0	2.46638298	0
24-Apr-25 00:00:00	16.54476166	0	2.505712748	2.569655391	0	13.49268434	13492.664	261.6091919	**0.000420**	**0.116663**	**0**	**0**	**0.000033**	**0.0093913**	32.9647274	0	2.505712748	0
24-Apr-25 01:00:00	15.89741993	0	2.475301266	2.533264637	0	13.52173805	13521.738	257.3727417	**0.000404**	**0.112340**	**0**	**0**	**0.000033**	**0.0092973**	29.83568382	0	2.475301266	0
24-Apr-25 02:00:00	15.88285065	0	2.582463026	2.663311481	0	13.4864769	13486.477	264.0874329	**0.000403**	**0.111945**	**0**	**0**	**0.000035**	**0.0096745**	29.68483353	0	2.582463026	0
24-Apr-25 03:00:00	16.22421646	0	2.630744219	2.707955388	0	13.49530315	13495.303	265.1958618	**0.000412**	**0.114426**	**0**	**0**	**0.000035**	**0.0098619**	30.36535454	0	2.630744219	0
24-Apr-25 04:00:00	15.96908283	0	2.552844524	2.59383297	0	13.49622631	13496.226	262.0107727	**0.000405**	**0.112634**	**0**	**0**	**0.000034**	**0.0095705**	29.8853302	0	2.552844524	0
24-Apr-25 05:00:00	16.59449959	0	2.748251677	2.82822299	0	13.4532032	13453.203	266.188446	**0.000420**	**0.116672**	**0**	**0**	**0.000037**	**0.0102702**	30.88256836	0	2.748251677	0
24-Apr-25 06:00:00	15.49810123	0	2.711099148	2.758946657	0	13.5316267	13531.627	261.8722839	**0.000395**	**0.109599**	**0**	**0**	**0.000037**	**0.0101904**	29.14389038	0	2.711099148	0
24-Apr-25 07:00:00	15.5150156	0	3.566705485	3.643918107	38.5518074	14.32021618	14320.216	143.4561462	**0.000418**	**0.116112**	**0**	**0**	**0.000051**	**0.0141878**	31.02239718	0	3.566705485	81.40383312
24-Apr-25 08:00:00	13.03653049	0	3.82611537	3.887832165	61.79433823	14.34653282	14346.533	153.167572	**0.000352**	**0.097743**	**0**	**0**	**0.000055**	**0.0152476**	27.53967667	0	3.82611537	130.4366302
24-Apr-25 09:00:00	16.25561714	0	2.592347383	2.662726879	0	13.55980492	13559.805	258.3069458	**0.000415**	**0.115195**	**0**	**0**	**0.000035**	**0.0097644**	30.68852043	0	2.592347383	0
24-Apr-25 10:00:00	20.35586166	0	2.620353588	2.687029819	0.052912515	13.62856388	13628.564	284.5399933	**0.000522**	**0.144983**	**0**	**0**	**0.000036**	**0.0099198**	38.73291163	0	2.620353588	0.10142599
24-Apr-25 11:00:00	17.84033205	0	2.425981045	2.489043236	0	13.50162601	13501.626	259.6383667	**0.000448**	**0.124535**	**0**	**0**	**0.000033**	**0.0090985**	33.06088257	0	2.425981045	0
24-Apr-25 12:00:00	19.0733242	0	2.401582479	2.476863384	0	13.55788422	13557.884	256.5101624	**0.000487**	**0.135143**	**0**	**0**	**0.000033**	**0.0090445**	35.98809433	0	2.401582479	0
24-Apr-25 13:00:00	17.96220398	0	2.471071959	2.533102274	0	13.55150509	13551.505	258.4525757	**0.000458**	**0.127211**	**0**	**0**	**0.000033**	**0.0093019**	33.86385345	0	2.471071959	0
24-Apr-25 14:00:00	18.68481064	0	2.468395233	2.528213636	0	13.52501202	13525.012	260.3074951	**0.000475**	**0.132070**	**0**	**0**	**0.000033**	**0.0092736**	35.09223557	0	2.468395233	0
24-Apr-25 15:00:00	19.48781395	0	2.499036074	2.571542978	0	13.54010868	13540.109	260.2351379	**0.000496**	**0.137899**	**0**	**0**	**0.000034**	**0.0093992**	36.67903519	0	2.499036074	0
24-Apr-25 16:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 17:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 18:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 19:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 20:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 21:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 22:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 23:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
25-Apr-25 00:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
25-Apr-25 01:00:00	18.02427673	0	2.466620505	2.527939558	0	13.46901131	13469.011	252.6037598	**0.000457**	**0.126873**	**0**	**0**	**0.000033**	**0.0092786**	33.61028671	0	2.466620505	0
25-Apr-25 02:00:00	17.92733955	0	2.473441362	2.535112858	0	13.47379494	13473.795	262.3812561	**0.000454**	**0.126236**	**0**	**0**	**0.000033**	**0.0092574**	33.45010757	0	2.473441362	0
25-Apr-25 03:00:00	17.83040237	0	2.48025322	2.542286158	0	13.47857761	13478.578	262.158783	**0.000452**	**0.125596**	**0**	**0**	**0.000033**	**0.0092862**	33.28992844	0	2.48025322	0
25-Apr-25 04:00:00	17.73346519	0	2.487064838	2.548959457	0	13.48336029	13483.360	261.9362793	**0.000450**	**0.125019**	**0**	**0**	**0.000034**	**0.0093100**	33.12973

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
26-Apr-25 17:00:00	18.88352394	0	2.402262688	2.475394726	0	13.57277966	13572.780	253.0808411	**0.000482**	**0.133946**	**0**	**0**	**0.000033**	**0.0090571**	35.70018768	0	2.402262688	0
26-Apr-25 18:00:00	18.49884987	0	2.595206499	2.66002202	8.760329247	14.05404377	14054.044	185.7024994	**0.000489**	**0.135870**	**0**	**0**	**0.000036**	**0.0101314**	37.42034149	0	2.595206499	18.15744019
26-Apr-25 19:00:00	18.23365402	0	2.251620054	2.312595606	0	13.5013485	13501.348	260.5271301	**0.000463**	**0.128655**	**0**	**0**	**0.000030**	**0.0084444**	34.14863968	0	2.251620054	0
26-Apr-25 20:00:00	17.25703049	0	2.34320116	2.397176504	0	13.46908471	13469.065	261.5477905	**0.000437**	**0.121473**	**0**	**0**	**0.000032**	**0.0087669**	32.18276596	0	2.34320116	0
26-Apr-25 21:00:00	17.5293045	0	2.411860943	2.488311291	0	13.46922207	13469.222	262.9082031	**0.000444**	**0.123391**	**0**	**0**	**0.000032**	**0.0090239**	32.6891861	0	2.411860943	0
26-Apr-25 22:00:00	17.42468643	0	2.43862772	2.504415512	0	13.48515224	13485.152	261.0159607	**0.000442**	**0.122800**	**0**	**0**	**0.000033**	**0.0091348**	32.56231308	0	2.43862772	0
26-Apr-25 23:00:00	16.40570831	0	2.503594875	2.56831029	0	13.43365002	13433.650	260.6644287	**0.000415**	**0.115177**	**0**	**0**	**0.000034**	**0.0093423**	30.44641304	0	2.503594875	0
27-Apr-25 00:00:00	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value
27-Apr-25 01:00:00	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value
27-Apr-25 02:00:00	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value	recheck value
27-Apr-25 03:00:00	-2.562703848	0	2.729410887	2.809902191	0	13.50388432	13503.884	261.9403381	**-0.000065**	**(0.018086)**	**0**	**0**	**0.000037**	**0.0102382**	0	0	2.729410887	0
27-Apr-25 04:00:00	-2.854518652	0	1.469430923	1.535095334	0	13.46566105	13465.661	264.0631104	**-0.000072**	**(0.020088)**	**0**	**0**	**0.000020**	**0.0054963**	0	0	1.469430923	0
27-Apr-25 05:00:00	-2.368896246	0	0.909803629	0.966405511	0	13.42385674	13423.857	266.5031738	**-0.000060**	**(0.016619)**	**0**	**0**	**0.000012**	**0.0033925**	0	0	0.909803629	0
27-Apr-25 06:00:00	-2.91113615	0	0.61958009	0.676751971	0	13.4595108	13459.511	261.6511841	**-0.000074**	**(0.020477)**	**0**	**0**	**0.000008**	**0.0023165**	0	0	0.61958009	0
27-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 10:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 11:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 12:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 20:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 21:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 22:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 23:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 00:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 01:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 02:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 03:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 04:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 05:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 06:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 07:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 08:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 09:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 10:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 11:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 12:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	**#VALUE!**	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
29-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
30-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
30-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
Minimum	-2.91	0.00	0.62	0.68	0.00	13.42	13,417.68	142.42	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00	0.00	0.62	0.00
Maximum	20.60	0.00	4.94	4.99	61.79	14.48	14,483.27	269.10	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	40.70	0.00	4.94	130.44
Avg	16.76	0.00	2.65	2.72	6.98	13.68	13,675.75	238.47	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	32.31	0.00	2.65	14.58
sum									#VALUE!		#VALUE!		#VALUE!					
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
23-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
23-Apr-25 16:00:00	21.36241516	Bad	3.949661493	4.093747942	0	13.6008482	1635431.783	266.4645996	**0.065545**	**18.026970**	**#VALUE!**	**#VALUE!**	**0.000459**	**1.7942783**	40.43464441	0	3.949661493	0
23-Apr-25 17:00:00	23.37858772	0	2.061363697	2.244575739	0	13.57215977	1660262.939	267.4385071	**0.073025**	**20.284841**	**0**	**0**	**0.003422**	**0.9506683**	44.19569397	0	2.061363697	0
23-Apr-25 18:00:00	22.79784775	0	1.687337041	1.830886245	0	13.5401926	1562009.766	262.5298157	**0.066997**	**18.610329**	**0**	**0**	**0.002636**	**0.7321214**	42.92210007	0	1.687337041	0
23-Apr-25 19:00:00	21.06912231	0	1.619479775	1.768353343	0	13.59032917	1598146.118	262.1554565	**0.063349**	**17.597031**	**0**	**0**	**0.002588**	**0.7189348**	39.93162155	0	1.619479775	0
23-Apr-25 20:00:00	22.14190292	0	1.719419837	1.862710118	0	13.5510273	1497914.429	264.9227905	**0.062399**	**17.333187**	**0**	**0**	**0.002576**	**0.7154288**	41.74391556	0	1.719419837	0
23-Apr-25 21:00:00	17.64122772	Bad	1.520657778	1.65135181	0	13.53824902	1528945.435	264.7197876	**0.050746**	**14.096044**	**#VALUE!**	**#VALUE!**	**0.002325**	**0.6458341**	33.19465256	0	1.520657778	0
23-Apr-25 22:00:00	20.37688446	0	1.627118111	1.769926429	0	13.4788084	1586296.021	263.852417	**0.060814**	**16.892677**	**0**	**0**	**0.002581**	**0.7169697**	38.04834747	0	1.627118111	0
23-Apr-25 23:00:00	19.12851089	0	1.551952004	1.696440101	0	13.46107483	1557175.781	264.5004578	**0.056040**	**15.566647**	**0**	**0**	**0.002417**	**0.6712950**	35.47704697	0	1.551952004	0
24-Apr-25 00:00:00	18.46292496	0	1.54015696	1.649978042	0	13.51899624	1481087.402	253.3298645	**0.051447**	**14.290837**	**0**	**0**	**0.002281**	**0.6336409**	34.64043427	0	1.54015696	0
24-Apr-25 01:00:00	19.7122364	0	1.655054331	1.801613808	0	13.50428674	1590104.614	264.9676514	**0.058971**	**16.380912**	**0**	**0**	**0.002632**	**0.7310304**	36.92758942	0	1.655054331	0
24-Apr-25 02:00:00	18.72502708	0	1.573367357	1.708854914	0	13.47236061	1540363.159	258.0334473	**0.054266**	**15.073776**	**0**	**0**	**0.002424**	**0.6732103**	34.92954254	0	1.573367357	0
24-Apr-25 03:00:00	18.87590408	0	1.575768948	1.711572051	0	13.50579262	1539715.21	263.0762939	**0.054680**	**15.188841**	**0**	**0**	**0.002426**	**0.6739543**	35.37432098	0	1.575768948	0
24-Apr-25 04:00:00	18.51717949	0	1.536195636	1.676746368	0	13.54838562	1527789.307	255.1552277	**0.053225**	**14.784777**	**0**	**0**	**0.002347**	**0.6519398**	34.91278839	0	1.536195636	0
24-Apr-25 05:00:00	15.54840565	0	1.597009897	1.742805958	2.51146698	13.89113862	1285087.769	217.8113556	**0.037592**	**10.442275**	**0**	**0**	**0.002052**	**0.5700827**	30.70716095	0	1.597009897	4.748236179
24-Apr-25 06:00:00	17.30160522	0	1.669853449	1.806213455	0.054840822	13.6376667	1392497.27	234.2753967	**0.045327**	**12.590911**	**0**	**0**	**0.002325**	**0.6459072**	33.00631931	0	1.669853449	0.110203102
24-Apr-25 07:00:00	17.5977058	0	1.616691709	1.736695766	1.8441897 63	14.11776161	836929.3213	142.5186157	**0.027649**	**7.680404**	**0**	**0**	**0.001353**	**0.3758491**	35.84549332	0	1.616691709	3.846026182
24-Apr-25 08:00:00	17.44969177	0	1.755213618	1.905691385	3.81497407	14.1119871	887192.749	139.7718353	**0.029126**	**8.090628**	**0**	**0**	**0.001557**	**0.4325591**	35.40466309	0	1.755213618	7.699129105
24-Apr-25 09:00:00	18.76841591	0	1.698563814	1.851567287	0	13.55630398	1551569.4	260.2997534	**0.054845**	**15.234840**	**0**	**0**	**0.002635**	**0.7320667**	35.47351837	0	1.698563814	0
24-Apr-25 10:00:00	16.52971268	0	1.691285372	1.834100485	1.513385057	13.90006665	1080937.866	171.8735199	**0.033616**	**9.337756**	**0**	**0**	**0.001828**	**0.5078262**	32.66802979	0	1.691285372	3.187600374
24-Apr-25 11:00:00	18.66987419	0	1.675336599	1.81245935	0	13.54082298	1468382.202	242.0177917	**0.051577**	**14.327056**	**0**	**0**	**0.002460**	**0.6833429**	35.14310455	0	1.675336599	0
24-Apr-25 12:00:00	21.55964497	0	1.851581931	1.990626931	0	13.50699806	1590909.546	265.4262695	**0.064531**	**17.925348**	**0**	**0**	**0.002946**	**0.8182498**	40.41740799	0	1.851581931	0
24-Apr-25 13:00:00	20.34961128	0	1.771625228	1.919051505	0	13.56920052	1581759.399	259.6599731	**0.060599**	**16.821821**	**0**	**0**	**0.002802**	**0.7784125**	38.45601654	0	1.771625228	0
24-Apr-25 14:00:00	19.66538429	0	1.698441029	1.828626513	0	13.50426006	1555423.462	264.7666931	**0.057548**	**15.985549**	**0**	**0**	**0.002642**	**0.7338320**	36.83841324	0	1.698441029	0
24-Apr-25 15:00:00	20.32492638	0	1.816693187	1.956994534	0	13.5721387	1597287.231	262.9260864	**0.061079**	**16.966352**	**0**	**0**	**0.002902**	**0.8060502**	38.42731094	0	1.816693187	0
24-Apr-25 16:00:00	22.13003922	0	1.791614056	1.926654339	0	13.52360344	1600081.909	263.8740234	**0.066620**	**18.505502**	**0**	**0**	**0.002867**	**0.7963137**	41.5589	0	1.791614056	0
24-Apr-25 17:00:00	18.1617842	0	1.653717116	1.777553419	0.033447947	13.8795414	1353763.788	207.5716248	**0.043921**	**12.200168**	**0**	**0**	**0.002126**	**0.5904494**	35.82242584	0	1.653717116	0.048905373
24-Apr-25 18:00:00	17.30898094	0	1.663413525	1.8006953	3.563035965	14.25225442	827838.7451	141.6213837	**0.026959**	**7.488481**	**0**	**0**	**0.001377**	**0.3825106**	36.06143951	0	1.663413525	7.335966587
24-Apr-25 19:00:00	19.61212158	0	1.629895568	1.762632489	0	13.60788631	1498616.577	242.1539917	**0.055296**	**15.360013**	**0**	**0**	**0.002443**	**0.6784968**	37.25482559	0	1.629895568	0
24-Apr-25 20:00:00	21.45788855	0	1.698875785	1.842268278	0	13.47956562	1586593.21	263.7341309	**0.064052**	**17.792204**	**0**	**0**	**0.002695**	**0.7487310**	40.07627869	0	1.698875785	0
24-Apr-25 21:00:00	17.49876404	0	1.850996852	2.001217604	0	13.51668072	1561417.847	265.9019165	**0.051405**	**14.279171**	**0**	**0**	**0.002890**	**0.8028276**	32.83735275	0	1.850996852	0
24-Apr-25 22:00:00	19.06506536	0	1.790994525	1.929964066	0	13.47189617	1519555.054	263.2217407	**0.054505**	**15.140186**	**0**	**0**	**0.002722**	**0.7559763**	35.56487656	0	1.790994525	0
24-Apr-25 23:00:00	19.11985212	0	1.688104391	1.835528374	0	13.49236012	1540780.64	259.4426575	**0.055425**	**15.398816**	**0**	**0**	**0.002601**	**0.7224996**	35.62440109	0	1.688104391	0
25-Apr-25 00:00:00	19.03277588	0	1.644815803	1.786903923	0	13.57213497	1545511.23	258.6284485	**0.055342**	**15.372722**	**0**	**0**	**0.002542**	**0.7061337**	35.99263787	0	1.644815803	0
25-Apr-25 01:00:00	19.51912689	0	1.683950901	1.83631134	0	13.49840832	1553348.511	265.3384705	**0.057044**	**15.845493**	**0**	**0**	**0.002616**	**0.7266007**	36.52289581	0	1.683950901	0
25-Apr-25 02:00:00	18.7862854	0	1.686761498	1.81168592	0	13.51913261	1583142.822	268.8266296	**0.055955**	**15.543094**	**0**	**0**	**0.002670**	**0.7417734**	35.26846695	0	1.686761498	0
25-Apr-25 03:00:00	19.05908868	0	1.665744305	1.813387185	0	13.47337532	1568074.416	265.8719177	**0.055869**	**15.519113**	**0**	**0**	**0.002595**	**0.7209325**	35.57123184	0	1.665744305	0
25-Apr-25 04:00:00	14.69282436	Bad	1.604647279	1.741276741	0	13.56230259	1553692.871	263.2104797	**0.042949**	**11.930178**	**#VALUE!**	**#VALUE!**	**0.002493**	**0.6925358**	27.74264336	0	1.604647279	0
25-Apr-25 05:00:00	17.32111168	0	1.664747119	1.80691576	3.7749485 97	14.11415577	915072.6929	156.5514832	**0.029820**	**8.283385**	**0**	**0**	**0.001523**	**0.4231568**	35.35788345	0	1.664747119	7.945816994
25-Apr-25 06:00:00	18.57779694	0	1.505818367	1.648218155	0	13.47193241	1580984.741	264.4264221	**0.055259**	**15.349646**	**0**	**0**	**0.002381**	**0.6612989**	34.66606903	0	1.505818367	0
25-Apr-25 07:00:00	17.04091944	0	1.447426319	1.585310765	2.349144697	14.00060749	800192.2819	142.0428619	**0.025655**	**7.126300**	**0**	**0**	**0.001158**	**0.3217278**	34.20353388	0	1.447426319	4.743780136
25-Apr-25 08:00:00	17.32960701	0	1.477632761	1.621299028	2.901886225	14.08775043	817781.7383	140.5013428	**0.026663**	**7.406322**	**0**	**0**	**0.001208**	**0.3356614**	35.24834442	0	1.477632761	5.811322212
25-Apr-25 09:00:00	18.36374474	0	1.608471632	1.765048623	0	13.53380394	1456344.482	246.6867218	**0.050316**	**13.976609**	**0**	**0**	**0.002342**	**0.6506913**	34.55090979	0	1.608471632	0
25-Apr-25 10:00:00	21.06183815	0	1.505369306	1.652535521	0	13.49939728	1557329.899	262.3743286	**0.061710**	**17.141991**	**0**	**0**	**0.002344**	**0.6512068**	39.44086456	0	1.505369306	0
25-Apr-25 11:00:00	21.08376884	0	1.619340897	1.766999483	0	13.48529625	1565860.474	262.2473145	**0.062113**	**17.253523**	**0**	**0**	**0.002536**	**0.7043505**	39.40649414	0	1.619340897	0
25-Apr-25 12:00:00	21.96375656	0	1.633062363	1.776374459	0	13.46575069	1605980.347	261.9277344	**0.066363**	**18.434158**	**0**	**0**	**0.002623**	**0.7285183**	40.93549728	0	1.633062363	0
25-Apr-25 13:00:00	22.15694427	0	1.699452162	1.82711792	0	13.55706406	1534102.661	260.9437256	**0.063950**	**17.764000**	**0**	**0**	**0.002607**	**0.7242039**	41.80777359	0	1.699452162	0
25-Apr-25 14:00:00	23.05147743	0	1.608608127	1.756035744	0	13.44134045	1565763.55	262.6234436	**0.067905**	**18.862994**	**0**	**0**	**0.002519**	**0.6996389**	42.83987808	0	1.608608127	0
25-Apr-25 15:00:00	21.31254387	0	1.632106185	1.773830414	0	13.45716858	1538152.588	262.4378967	**0.061676**	**17.132123**	**0**	**0**	**0.002510**	**0.6973412**	39.68537521	0	1.632106185	0
25-Apr-25 16:00:00	20.8465675	0	1.74711585	1.902667642	0	13.48241806	1520416.382	264.2302856	**0.059632**	**16.564318**	**0**	**0**	**0.002656**	**0.7378732**	38.94106293	0	1.74711585	0
25-Apr-25 17:00:00	21.9832592	0	1.672926054	1.838278713	0	13.56039715	1468409.18	249.3769684	**0.060732**	**16.870022**	**0**	**0**	**0.002466**	**0.6849859**	41.49688339	0	1.672926054	0.007196407
25-Apr-25 18:00:00	17.2876129 2	0	1.601576686	1.726551175	3.125608921	14.04998302	1013264.832	164.279105	**0.032956**	**9.154497**	**0**	**0**	**0.001623**	**0.4507301**	35.07860565	0	1.601576686	6.945449352
25-Apr-25 19:00:00	17.56277275	Bad	1.569295049	1.727991581	0	13.64227295	1571979.98	261.910553	**0.051942**	**14.428346**	**#VALUE!**	**#VALUE!**	**0.002467**	**0.6852501**	33.53131485	0	1.569295049	0
25-Apr-25 20:00:00	20.32853508	0	1.508496404	1.649059296	0	13.57462502	1558565.918	261.4902344	**0.059609**	**16.557994**	**0**	**0**	**0.002351**	**0.6530809**	38.38925934	0	1.508496404	0
25-Apr-25 21:00:00	20.76622154	0	1.477973222	1.620573401	0	13.48258183	1601054.488	261.3255005	**0.062552**	**17.376621**	**0**	**0**	**0.002366**	**0.6573114**	38.68303098	0	1.477973222	0
25-Apr-25 22:00:00	20.70331383	0	1.439809799	1.582131863	0	13.47762775	1549672.852	264.7862244	**0.060361**	**16.767038**	**0**	**0**	**0.002231**	**0.6197873**	38.64836502	0	1.439809799	0
25-Apr-25 23:00:00	18.92898369	0	1.453500628	1.603865504	0	13.48812389	1548864.136	261.6971436	**0.055159**	**15.322058**	**0**	**0**	**0.002251**	**0.6253542**	35.37728119	0	1.453500628	0
26-Apr-25 00:00:00	20.03422356	0	1.414544125	1.553293705	0	13.46015739	1581951.66	266.2086182	**0.059627**	**16.563122**	**0**	**0**	**0.002238**	**0.6219532**	37.31401062	0	1.414544125	0
26-Apr-25 01:00:00	20.02566719	0	1.418664571	1.558240204	0	13.49075985	1567669.16	267.3788147	**0.059817**	**16.615882**	**0**	**0**	**0.002252**	**0.6256582**	37.45464286	0	1.418664571	0
26-Apr-25 02:00:00	18.95642281	0	1.447239041	1.607492805	0	13.50581074	1611366.333	266.7590942	**0.057468**	**15.963464**	**0**	**0**	**0.002332**	**0.6477867**	35.521698	0	1.447239041	0
26-Apr-25 03:00:00	15.19298267	0	1.50084424	1.645306706	0	13.53557873	1606632.568	264.5429382	**0.045924**	**12.756633**	**0**	**0**	**0.002411**	**0.6698070**	28.57395744	0	1.50084424	0
26-Apr-25 04:00:00	18.64042473	0	1.482723269	1.62320897	0	13.52160263	1521738.18	270.0430908	**0.055122**	**15.311763**	**0**	**0**	**0.002331**	**0.6473813**	35.00141525	0	1.482723269	0
26-Apr-25 05:00:00	18.69890594	0	1.549655557	1.685903788	0	13.48400402	1575479.004	264.0198059	**0.055425**	**15.399907**	**0**	**0**	**0.002441**	**0.6781805**	34.93515778	0	1.549655557	0
26-Apr-25 06:00:00	17.36814499	0	1.655439973	1.798425555	0	13.5277853	1609814.331	267.1728601	**0.052603**	**14.611866**	**0**	**0**	**0.002665**	**0.7402642**	32.64268112	0	1.655439973	0
26-Apr-25 07:00:00	17.83420181	0	1.666351318	1.808295488	0	13.45127869	1569476.929	267.2486572	**0.052661**	**14.628004**	**0**	**0**	**0.002615**	**0.7264722**	33.17917252	0	1.666351318	0
26-Apr-25 08:00:00	19.53143692	0	1.606738091	1.738647367	0	13.58359337	1485162.354	254.5505676	**0.054574**	**15.159490**	**0**	**0**	**0.002366**	**0.6628519**	36.99864197	0	1.606738091	0
26-Apr-25 09:00:00	18.71847534	0	1.629808903	1.744863987	0.007534206	13.5508604	1484829.346	252.8694	**0.052291**	**14.525245**	**0**	**0**	**0.002420**	**0.6722189**	35.31790924	0	1.629808903	0.004360112
26-Apr-25 10:00:00	15.5929451	0	1.603674889	1.742607236	1.76879704	13.85395576	1268578.857	195.3803558	**0.037216**	**10.337656**	**0**	**0**	**0.002034**	**0.5651078**	30.55547523	0	1.603674889	3.479339123
26-Apr-25 11:00:00	19.88873863	0	1.599102139	1.734290957	0	13.5246439	1484184.692	254.9977417	**0.055536**	**15.426651**	**0**	**0**	**0.002373**	**0.6592675**	37.19265747	0	1.599102139	0
26-Apr-25 12:00:00	22.09690666	1	1.65301621	1.780618072	0	13.48111629	1513611.206	263.960968	**0.062925**	**17.479229**	**0**	**0**	**0.002502**	**0.6950066**	41.27899551	0	1.65301621	0
26-Apr-25 13:00:00	21.23535728	0	1.670057774	1.824123025	0	13.51014137	1590766.846	260.997406	**0.063554**	**17.653978**	**0**	**0**	**0.002657**	**0.7379646**	39.85428619	0	1.670057774	0
26-Apr-25 14:00:00	21.66309166	0	1.693210721	1.83412683	0	13.54608536	1564313.11	262.8442078	**0.063756**	**17.710083**	**0**	**0**	**0.002649**	**0.7357533**	40.8210907	0	1.693210721	0
26-Apr-25 15:00:00	21.66032298	0	1.660329811	1.810100198	0	13.47883701	1583676.392	264.4789124	**0.066306**	**18.418208**	**0**	**0**	**0.002629**	**0.7303959**	41.55610657	0	1.660329811	0
26-Apr-25 16:00:00	20.40223885	0	1.789831161	1.941244602	0	13.591959	1567241.211	263.0446472	**0.060158**	**16.710527**	**0**	**0**	**0.002805**	**0.7791937**	38.68562317	0	1.789831161	0
26-Apr-25 17:00:00	21.95108604	0	1.601848245	1.742959023	0	13.47701155	1497870.117	254.3881378	**0.061860**	**17.183303**	**0**	**0**	**0.002399**	**0.6664891**	40.9805069	0	1.601848245	0
26-Apr-25 18:00:00	17.76563263	0	1.565261362	1.716186881	3.861390591	14.2778296	886681.8237	142.713684	**0.029637**	**8.232371**	**0**	**0**	**0.001388**	**0.3855247**	37.14292145	0	1.565261362	8.171733856
26-Apr-25 19:00:00	22.09080887	0	1.663926244	1.801299691	0	13.55615616	1585075.582	262.3986511	**0.065878**	**18.299451**	**0**	**0**	**0.002637**	**0.7326247**	41.67323303	0	1.663926244	0

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
26-Apr-25 20:00:00	19.61655998	0	1.664282799	1.795692682	0	13.48727512	1580661.621	266.9588928	**0.058337**	**16.204597**	**0**	**0**	**0.002631**	**0.7307411**	36.65517807	0	1.664282799	0
26-Apr-25 21:00:00	20.6150257	0	1.601306796	1.738195896	0	13.41412163	1549051.758	268.145813	**0.060080**	**16.688844**	**0**	**0**	**0.002481**	**0.6890298**	38.1297226	0	1.601306796	0
26-Apr-25 22:00:00	19.99128914	0	1.662611127	1.803472042	0	13.50679684	1537238.647	265.5751953	**0.057818**	**16.060482**	**0**	**0**	**0.002556**	**0.7099528**	37.46649551	0	1.662611127	0
26-Apr-25 23:00:00	17.77399635	0	1.639595857	1.768838763	0	13.40719604	1572140.991	262.7231445	**0.052572**	**14.603369**	**0**	**0**	**0.002574**	**0.7148682**	32.87614822	0	1.639595857	0
27-Apr-25 00:00:00	18.05964279	0	2.161144018	2.291973352	4.079066277	14.11521339	837514.0381	153.0833588	**0.028456**	**7.904560**	**0**	**0**	**0.001810**	**0.5027746**	36.87331772	0	2.161144018	8.468595505
27-Apr-25 01:00:00	20.05925751	0	1.54390502	1.656291366	0	13.42741489	1571498.657	268.0716553	**0.059307**	**16.474238**	**0**	**0**	**0.002426**	**0.6739569**	37.09537125	0	1.54390502	0
27-Apr-25 02:00:00	14.51210976	0	1.480487704	1.6078653	5.748952866	14.00183582	1218635.986	195.8475647	**0.033272**	**9.243230**	**0**	**0**	**0.001804**	**0.5011599**	29.14852905	0	1.480487704	11.53364563
27-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
27-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
28-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	14.51	0.00	1.41	1.55	0.00	13.41	800,192.87	139.77	0.03	7.13	#VALUE!	#VALUE!	0.00	0.32	27.74	0.00	1.41	0.00	
Maximum	23.38	0.00	4.62	4.77	5.75	14.45	1,677,224.98	272.76	0.07	20.28	#VALUE!	#VALUE!	0.01	2.15	44.20	0.00	4.62	11.53	
Avg	19.30	0.00	1.86	2.00	0.53	13.62	1,452,955.18	243.87	0.05	14.78	#VALUE!	#VALUE!	0.00	0.75	36.69	0.00	1.86	1.10	
sum									4.79		#VALUE!		0.24						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
08-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
12-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
19-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
23-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Apr-25 16:00:00	26.86203766	0	5.911439419	6.091887474	0	13.81658936	1731827.515	266.1274109	**0.087523**	**24.311965**	**0**	**0**	**0.010238**	**2.8437760**	54.51827621	0	5.911439419	0	
23-Apr-25 17:00:00	23.92831993	0	2.832906246	3.013428926	0	13.69890785	1668503.54	264.5166931	**0.075114**	**20.864876**	**0**	**0**	**0.004727**	**1.3129761**	41.62467957	0	2.832906246	0	
23-Apr-25 18:00:00	25.65856743	0	2.471580267	2.668239117	0	13.75415707	1697763.794	263.2326965	**0.081957**	**22.765969**	**0**	**0**	**0.004196**	**1.1655999**	48.73108292	0	2.471580267	0	
23-Apr-25 19:00:00	24.5886125	0	2.448818684	2.62644434	0	13.7478466	1744381.104	264.4494934	**0.080631**	**22.397516**	**0**	**0**	**0.004272**	**1.1865788**	47.59682632	0	2.448818684	0	
23-Apr-25 20:00:00	24.47970772	0	2.376463413	2.541160583	0	13.76541519	1655411.011	263.1714072	**0.076241**	**21.178175**	**0**	**0**	**0.003934**	**1.0927844**	47.51350784	0	2.376463413	0	
23-Apr-25 21:00:00	23.20236015	0	2.294850588	2.490373373	0	13.70958042	1784173.706	263.0132141	**0.077884**	**21.634445**	**0**	**0**	**0.004094**	**1.1373367**	44.71519089	0	2.294850588	0	
23-Apr-25 22:00:00	22.53142357	0	2.343393551	2.510621786	0	13.71335316	1651609.863	263.0045929	**0.070912**	**19.447893**	**0**	**0**	**0.003679**	**1.0750987**	43.43352509	0	2.343393551	0	
23-Apr-25 23:00:00	22.00008774	0	2.311914921	2.472229958	0	13.73040199	1629661.255	264.3370667	**0.067453**	**18.736921**	**0**	**0**	**0.003768**	**1.0465662**	42.49766922	0	2.311914921	0	
24-Apr-25 00:00:00	21.41628075	0	2.33627677	2.510857344	0	13.75729561	1585938.599	252.1061707	**0.063901**	**17.750349**	**0**	**0**	**0.003705**	**1.0292199**	41.53850937	0	2.33627677	0.10548231	
24-Apr-25 01:00:00	21.21593666	0	2.473941565	2.627473831	0.082529023	13.71622086	1671990.356	263.8337402	**0.066738**	**18.538408**	**0**	**0**	**0.004136**	**1.1490818**	40.91094208	0	2.473941565	0.063046448	
24-Apr-25 02:00:00	21.21934319	0	2.39392337	2.54358077	0	13.71983814	1684598.755	260.2980042	**0.067282**	**18.691205**	**0**	**0**	**0.004033**	**1.1203389**	40.9283371	0	2.39392337	0	
24-Apr-25 03:00:00	21.19115257	0	2.380851269	2.541606903	0	13.76793003	1658685.547	262.3480225	**0.066130**	**18.369406**	**0**	**0**	**0.003949**	**1.0969677**	41.16107941	0	2.380851269	0	
24-Apr-25 04:00:00	21.35915756	0	2.378665447	2.531584263	0.019769147	13.77836895	1589391.846	257.1486206	**0.063870**	**17.741550**	**0**	**0**	**0.003781**	**1.0501754**	41.55213547	0	2.378665447	0.043261539	
24-Apr-25 05:00:00	20.21773338	0	2.478711605	2.618647575	10.20434189	14.18787575	1412251.614	217.8404899	**0.053794**	**14.942493**	**0**	**0**	**0.003606**	**1.0013409**	41.69902131	0	2.478711605	20.96582725	
24-Apr-25 06:00:00	21.3268084	0	2.415153742	2.561526775	1.156908751	13.84872341	1592835.693	232.964325	**0.063911**	**17.753066**	**0**	**0**	**0.003847**	**1.0685953**	41.89251709	0	2.415153742	2.053154469	
24-Apr-25 07:00:00	19.00434303	0	2.531555653	2.684895039	14.899333	14.53831482	1151414.307	141.7940216	**0.041168**	**11.435682**	**0**	**0**	**0.002915**	**0.8096889**	41.33486176	0	2.531555653	32.50993729	
24-Apr-25 08:00:00	19.68501663	0	2.832465587	2.997190714	12.97424221	14.50363731	1185487.671	141.1931763	**0.043905**	**12.195772**	**0**	**0**	**0.003358**	**0.9327371**	42.614048	0	2.832465587	27.32174873	
24-Apr-25 09:00:00	20.84963226	0	2.430555582	2.603317228	0	13.74616814	1616115.986	259.9063416	**0.063394**	**17.609508**	**0**	**0**	**0.003928**	**1.0911273**	40.37244414	0	2.430555582	0	
24-Apr-25 10:00:00	22.69818497	0	2.32207346	2.505991936	5.16639328	14.19683743	1246887.329	170.5183716	**0.053247**	**14.790907**	**0**	**0**	**0.002895**	**0.8042678**	46.88747787	0	2.32207346	10.39612675	
24-Apr-25 11:00:00	23.1496048	0	2.39042592	2.572599411	0.132943183	13.82755184	1552157.104	243.7618103	**0.067602**	**18.778276**	**0**	**0**	**0.003710**	**1.0306435**	45.32167053	0	2.39042592

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
26-Apr-25 20:00:00	23.09932518	0	2.330712557	2.510693073	0	13.743536	1695964.844	265.2279663	**0.073705**	**20.473524**	**0**	**0**	**0.003953**	**1.0980018**	44.71516418	0	2.330712557	0	
26-Apr-25 21:00:00	22.72060394	0	2.473229408	2.628157854	0	13.76767731	1627902.222	269.1767273	**0.069587**	**19.329680**	**0**	**0**	**0.004026**	**1.1183821**	44.12690735	0	2.473229408	0	
26-Apr-25 22:00:00	22.21730614	0	2.343906879	2.495729446	0	13.80590534	1723919.312	266.3677063	**0.072059**	**20.016346**	**0**	**0**	**0.004041**	**1.1224184**	43.38035865	0	2.343906879	0	
26-Apr-25 23:00:00	20.96210098	0	2.320271254	2.503651857	0.016304435	13.71014023	1719064.819	262.1048279	**0.067796**	**18.832307**	**0**	**0**	**0.003989**	**1.1079713**	40.38914108	0	2.320271254	0.012202931	
27-Apr-25 00:00:00	19.69872475	0	3.237829208	3.389763832	13.82258606	14.44093704	1073750.977	153.9228821	**0.039794**	**11.053967**	**0**	**0**	**0.003477**	**0.9657284**	42.21785355	0	3.237829208	29.43647003	
27-Apr-25 01:00:00	21.18214607	0	2.125666618	2.28049159	0.010305044	13.72503185	1655505.005	269.7822266	**0.065975**	**18.326390**	**0**	**0**	**0.003519**	**0.9775144**	40.89797211	0	2.125666618	0.009071904	
27-Apr-25 02:00:00	20.80946541	0	2.348923922	2.522189856	13.06158352	14.32753086	1407420.868	194.4218292	**0.055102**	**15.305989**	**0**	**0**	**0.003306**	**0.9183124**	43.83527374	0	2.348923922	27.48461151	
27-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 13:00:00	23.35485077	0	2.930389404	3.085261822	0.74450016	13.83750534	1664213.867	273.2191467	**0.073125**	**20.312468**	**0**	**0**	**0.004877**	**1.3546652**	45.7851944	0	2.930389404	1.419566751	
28-Apr-25 14:00:00	23.95780563	0	2.351376057	2.518784761	0.143585101	13.73187447	1745088.257	270.9109192	**0.078688**	**21.849470**	**0**	**0**	**0.004103**	**1.1398219**	46.3102417	0	2.351376057	0.041684091	
28-Apr-25 15:00:00	22.33741188	0.00010828	2.44771719	2.632901192	4.70906496	14.10283157	1410250.244	234.8106537	**0.059266**	**16.462868**	**3.99711E-07**	**0.000111031**	**0.003452**	**0.9588594**	45.50812149	0.000208914	2.44771719	9.900853157	
28-Apr-25 16:00:00	15.73672199	0	2.401627541	2.56303978	34.8810463	14.75708103	1164298.462	153.6547241	**0.034471**	**9.575399**	**0**	**0**	**0.002796**	**0.7767283**	35.45034027	0	2.401627541	78.6394043	
28-Apr-25 17:00:00	20.0332489	0	2.040621281	2.202591419	0	13.71167278	1589782.104	257.9504395	**0.059919**	**16.644297**	**0**	**0**	**0.003244**	**0.9011609**	38.60813141	0	2.040621281	0	
28-Apr-25 18:00:00	18.47943115	0	2.363800764	2.529131413	18.05594826	14.55126476	1209671.265	143.3271942	**0.042057**	**11.682410**	**0**	**0**	**0.002859**	**0.7942838**	40.28367615	0	2.363800764	39.65300751	
28-Apr-25 19:00:00	23.86050224	0	2.13855648	2.270684004	0.269755423	13.75289822	1567020.386	258.8511353	**0.070345**	**19.540276**	**0**	**0**	**0.003351**	**0.9308782**	46.24459457	0	2.13855648	0.537026227	
28-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2025 00:00-30/4/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
30-Apr-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	15.74	0.00	2.04	2.20	0.00	13.63	1,073,750.98	141.19	0.03	9.58	0.00	0.00	0.00	0.77	34.52	0.00	2.04	0.00	
Maximum	26.86	0.00	5.91	6.09	34.88	14.76	1,784,173.71	273.22	0.09	24.31	0.00	0.00	0.01	2.84	50.85	0.00	5.91	78.64	
Avg	22.31	0.00	2.48	2.64	2.60	13.85	1,563,437.66	243.91	0.07	18.35	0.00	0.00	0.00	1.08	43.57	0.00	2.48	5.55	
sum									5.95		0.00		0.35						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 19:00:00	20.978	0.000	2.685	0.000	0.000	13.102	1707333.618	270.540	**0.067386**	**18.718250**	**0**	**0**	**0.004584**	**1.2733427**	37.302	0.000	2.685	0.000	
10-May-25 20:00:00	17.917	0.000	2.807	2.967	9.426	13.912	1411257.690	183.044	**0.047573**	**13.214651**	**0**	**0**	**0.003961**	**1.1003295**	35.513	0.000	2.807	18.601	
10-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	17.92	0.00	2.68	0.00	0.00	13.10	1,411,257.69	183.04	0.05	13.21	0.00	0.00	0.00	1.10	35.51	0.00	2.68	0.00	
Maximum	20.98	0.00	2.81	2.97	9.43	13.91	1,707,333.62	270.54	0.07	18.72	0.00	0.00	0.00	1.27	37.30	0.00	2.81	18.60	
Avg	19.45	0.00	2.75	1.48	4.71	13.51	1,559,295.65	226.79	0.06	15.97	0.00	0.00	0.00	1.19	36.41	0.00	2.75	9.30	
sum									0.11		0.00		0.01						
STD										STD = 240		STD = 8.5		STD = 5.74	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 19:00:00	21.376	0.000	0.149	0.219	0.000	13.358	1750127.563	270.409	**0.070383**	**19.550806**	**0**	**0**	**0.000261**	**0.0725769**	39.286	0.000	0.149	0.000	
10-May-25 20:00:00	3.424	0.000	0.938	1.005	26.103	14.245	1417502.150	182.266	**0.035801**	**9.944842**	**0**	**0**	**0.001329**	**0.3692885**	27.920	0.000	0.938	54.221	
10-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	13.42	0.00	0.15	0.22	0.00	13.36	1,417,504.15	182.27	0.04	9.94	0.00	0.00	0.00	0.07	27.92	0.00	0.15	0.00	
Maximum	21.38	0.00	0.94	1.00	26.10	14.24	1,750,127.56	270.41	0.07	19.55	0.00	0.00	0.00	0.37	39.29	0.00	0.94	54.22	
Avg	17.40	0.00	0.54	0.61	13.05	13.80	1,583,815.86	226.34	0.05	14.75	0.00	0.00	0.00	0.22	33.60	0.00	0.54	27.11	
sum									0.11		0.00		0.00						
STD										#DIV/0!		#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-May-25 21:00:00	24.183	0.000	3.910	4.062	0.098	13.802	1384021.362	219.3876038	**0.062970**	**17.491556**	0	0	**0.005412**	**1.5032568**	47.326	0.000	3.910	0.026	
07-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 17:00:00	23.063	0.000	4.410	4.566	9.335	14.651	629083.862	115.6860046	**0.027296**	**7.582237**	0	0	**0.002774**	**0.770635**7	51.076	0.000	4.410	20.490	
08-May-25 18:00:00	27.788	0.000	4.003	4.156	0.000	13.568	1632303.589	271.327301	**0.085337**	**23.704833**	0	0	**0.006534**	**1.8150747**	52.511	0.000	4.003	0.000	
08-May-25 19:00:00	26.320	0.000	4.017	4.170	0.000	13.595	1627575.195	272.8786926	**0.080594**	**22.387338**	0	0	**0.006538**	**1.8159743**	49.923	0.000	4.017	0.000	
08-May-25 20:00:00	22.133	0.000	4.071	4.220	0.347	13.814	1003149.475	165.2357025	**0.041772**	**11.603462**	0	0	**0.004083**	**1.1342721**	43.246	0.000	4.071	0.566	
08-May-25 21:00:00	22.750	0.000	3.733	3.880	0.967	14.195	800311.157	145.4909058	**0.034254**	**9.515069**	0	0	**0.002988**	**0.8298838**	46.951	0.000	3.733	1.897	
08-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 17:00:00	22.967	0.000	4.411	4.562	7.641	14.582	750777.588	114.8789902	**0.032441**	**9.011304**	0	0	**0.003311**	**0.9198370**	50.359	0.000	4.411	16.953	
09-May-25 18:00:00	31.471	0.000	4.344	4.499	0.000	13.440	1670251.221	272.1526489	**0.098896**	**27.471067**	0	0	**0.007256**	**2.0155242**	58.459	0.000	4.344	5.438	
09-May-25 19:00:00	27.19300461	0	4.219276428	4.372252941	0.141747177	13.63290691	1608577.515	268.8969727	**0.082296**	**22.859970**	0	0	**0.006787**	**1.8852870**	51.80219193	0	4.219276428	0	
09-May-25 20:00:00	28.64141273	0	4.152010441	4.309810162	0.114400201	13.6296978	1665781.860	270.7281189	**0.089762**	**24.933832**	0	0	**0.006916**	**1.9212066**	54.57463074	0	4.152010441	1.753743529	
09-May-25 21:00:00	20.48721313	0	4.133855618	4.27973175	4.291566372	14.16100025	1341077.637	220.3453064	**0.051691**	**14.358639**	0	0	**0.005543**	**1.5397641**	42.06865311	0	4.133355618	9.123177528	
09-May-25 22:00:00	22.80417633	0	4.262073994	4.405393124	5.621063709	14.16011333	943159.546	163.6885986	**0.040465**	**11.240251**	0	0	**0.004029**	**1.1190155**	46.85968018	0	4.262073994	11.2934866	
09-May-25 23:00:00	19.21466446	0	4.353828907	4.49421978	7.862719536	14.27937031	978329.712	160.5512238	**0.035367**	**9.824139**	0	0	**0.004259**	**1.1831889**	40.55201721	0	4.353828907	16.6875515	
10-May-25 00:00:00	22.62335014	0	4.170871258	4.329851151	5.411368847	14.21070004	912237.244	160.7759857	**0.038828**	**10.785522**	0	0	**0.003805**	**1.0568956**	46.85056686	0	4.170871258	11.20101738	
10-May-25 01:00:00	26.7782135	0	4.249333382	4.40681982	0	13.59691143	1418546.509	237.144516	**0.071467**	**19.851880**	0	0	**0.006028**	**1.6744103**	50.72395325	0	4.249333382	0	
10-May-25 02:00:00	22.029895	0	4.08928299	4.244578838	1.319520473	13.95991135	780661.529	145.2175903	**0.032318**	**8.977191**	0	0	**0.003190**	**0.8860815**	43.93104172	0	4.08928299	5.216557503	
10-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	19.21	0.00	3.71	3.84	0.00	13.44	629,083.86	114.88	0.03	7.58	0.00	0.00	0.00	0.77	40.55	0.00	3.71	0.00	
Maximum	31.47	0.00	4.41	4.57	9.33	14.65	1,670,251.22	272.88	0.10	27.47	0.00	0.00	0.01	2.02	58.46	0.00	4.41	20.49	
Avg	24.49	0.00	4.10	4.25	2.24	13.93	1,234,855.67	205.84	0.06	16.24	0.00	0.00	0.01	1.40	48.60	0.00	4.10	5.13	
sum									1.34		0.00		0.12						
STD										STD=0.04		STD=0.01		STD=0.51	STD=7.70 ppm	STD=0 ppm	STD=0.94 mg/m3	STD=6.66 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2025 00:00-31/5/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jul-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD										STD = 70.8		STD = 8.81		STD = 5.74	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Sh

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jul-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
sum									0.00		0.00		0.00						
STD																			

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

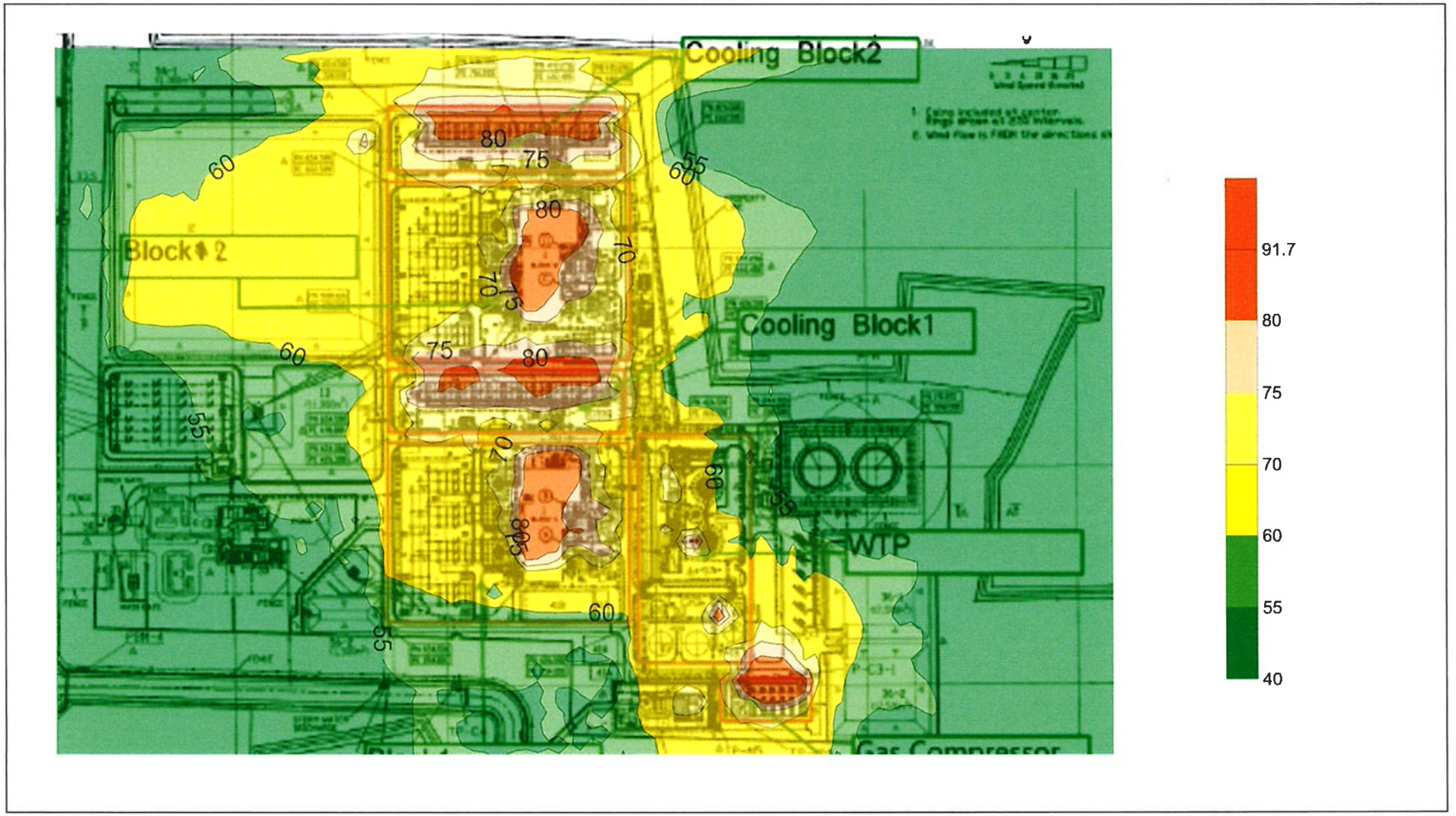
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2025 00:00-30/6/2025 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jun-25 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-25 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

ภาคผนวก ข.2-9

เอกสารการจัดทำ Noise Contour



รูปที่ 1 แผนผังเส้นระดับความดังของเสียง บริเวณโรงไฟฟ้าอุทัย

ภาคผนวก ข.2-10

เอกสารการจัดอบรมให้ความรู้แก่พนักงาน

SPS3R021

ทะเบียนรายชื่อพนักงานที่ทำงานประจำในการทำงาน

ตั้งแต่วันที่ 14/06/2565 ถึงวันที่ 14/06/2565

เขตใช้งานพื้นที่ : โรงไฟฟ้าอุทัย

กรม.

เล่ม 1

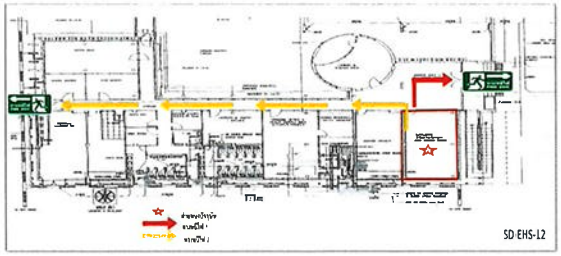
27/06/2565

ลำดับ	ชื่อ-สกุล (ภ.)	เลขบัตรประจำตัว	ประเภท (ภ.)	สังกัด (ภ.)	วันที่เข้าพื้นที่	วันที่ออกพื้นที่	ชื่อสถานประกอบการ	ที่อยู่	ประเภทอุตสาหกรรม
1	นาย [illegible]	1670700133421	ระดับวิชาชีพ	เขต 1 : 234-002813	14/06/2565		01-05-150C53861 [illegible]	999 หมู่ที่ 1 ต.หนองบัว อ.หนองครก จ.ราชบุรี 13210	[illegible]

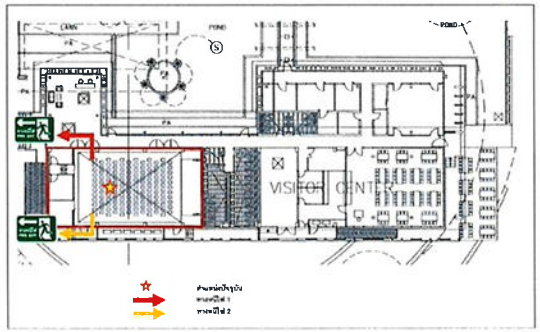
อบรมพนักงานเข้าทำงานใหม่ หลักสูตรความปลอดภัย 6 ชั่วโมง

สถานที่ในโรงไฟฟ้า GUT

เส้นทางอพยพของอาคารสำนักงาน



เส้นทางอพยพของอาคารสำนักงาน



Area Classification Lay Out of GUT



การกำหนดพื้นที่ของโรงไฟฟ้าอุทัย

Rest Area
เป็นพื้นที่นอกเหนือจากการผลิตหลัก ทั้งในและนอกอาคาร มีความเสี่ยงต่ำ ได้แก่ บริเวณป้อม รปภ. ลานจอดรถ อาคารบริหาร อาคารเก็บรักษา ถนนหน้าอาคาร ศาลพระพิฆเนศ ศาลาเบ่งพักผ่อน สวนหย่อม เท่านั้น

มาตรการ
ไม่ต้องขออนุญาตก่อนเข้าที่ ไม่ต้องสวมใส่ PPE ใส่รองเท้าหุ้มส้น หากทำงานต้องดำเนินการตามมาตรการเหมือน Control Area

Restrict Area *(พื้นที่หวงห้าม)*
เป็นพื้นที่มีความเสี่ยงสูง ได้แก่ Gas turbine, Steam turbine, Switchyard, Metering gas station ฯ

มาตรการ
บุคคลภายนอกต้องขออนุญาตก่อนเข้าพื้นที่ หากทำงานต้องขอ Hazardous work permit ทุกกรณี สวมใส่ PPE ตามความเสี่ยงของงาน

Control Area *(พื้นที่ควบคุม)*
เป็นพื้นที่ในส่วนของการผลิตหลักทั้งหมด ทั้งในและนอกอาคาร มีความเสี่ยงปานกลาง

มาตรการ
บุคคลภายนอกต้องขออนุญาตก่อนเข้าพื้นที่ หากทำงานต้องขอ PTW ตามลักษณะงาน หรือแจ้ง OPT ควบคุมการดำเนินงาน สวมใส่ PPE อย่างเหมาะสม

หมายเหตุ ในการเข้า-ออกโรงไฟฟ้า ต้องได้รับอนุญาตก่อนเข้าทุกกรณี หรือตามการพิจารณาจากผู้จัดการโรงไฟฟ้าเท่านั้น

พื้นที่โรงไฟฟ้าอุทัย



1. Gas Turbine and HRSG unit 11
2. Gas Turbine and HRSG unit 12
3. Gas Turbine and HRSG unit 21
4. Gas Turbine and HRSG unit 22
5. Steam Turbine unit 1
6. Steam Turbine unit 2
7. Cooling Tower unit 1
8. Cooling Tower unit 2
9. Switchyard B.1
10. Switchyard B.2
5. Control Building
6. Switchyard and Substation
7. Gas Metering Station
8. Water Treatment Plant
9. อาคารรวบรวมวัสดุไม่ใช้แล้ว
10. อาคารเก็บสารเคมี
11. Fire pump Station
12. Service Water Tank
13. Demin Water Tank
14. Strom Water Retention pond
15. Wastewater Holding pond
16. Cooling Blow Down Holding pond
17. Cooling Blow Down Holding pond

(for Emergency case)

การเตรียมความพร้อมกรณีเกิดเหตุการณ์ฉุกเฉิน (Emergency plan)

การเตรียมความพร้อมกรณีเกิดเหตุการณ์ฉุกเฉิน (Emergency plan for contractor)

GULF

- กรณีฉุกเฉิน หมายถึง กรณีเกิดไฟไหม้ ระเบิด ก๊าซรั่ว และเกิดอุบัติเหตุรุนแรง
- วิธีการปฏิบัติตัวในกรณีฉุกเฉิน
  - กรณีเกิดเหตุเพลิงไหม้ให้แจ้ง เจ้าหน้าที่ของโรงไฟฟ้า, พนักงานรักษาความปลอดภัย โดยแจ้งรายละเอียดข้อความดังนี้
    - เหตุเกิดที่ไหน
    - เหตุเกิดเมื่อไหร่
    - มีผู้ได้รับบาดเจ็บ/อันตรายหรือไม่
    - ใครเป็นผู้รายงาน



การเตรียมความพร้อมกรณีเกิดเหตุการณ์ฉุกเฉิน (Emergency plan for contractor)

GULF

- กรณีฉุกเฉิน หมายถึง กรณีเกิดไฟไหม้ ระเบิด ก๊าซรั่ว และเกิดอุบัติเหตุรุนแรง

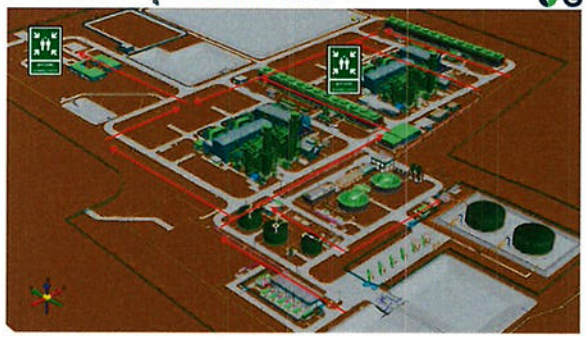


- วิธีการปฏิบัติตัวในกรณีฉุกเฉิน
  - หยุดทำงานทันที และฟังคำสั่งหัวหน้างาน
  - ถ้าหัวหน้างานไม่อยู่หรือไม่สั่งการใดๆ ให้ออกจากพื้นที่ไปยังจุดรวมพลตามประกาศที่ได้ยิน
  - รวมตัวกันที่จุดรวมพล ให้หัวหน้างานตรวจนับจำนวน
  - แจ้งข้อมูลเกี่ยวกับผู้ร่วมงานที่บาดเจ็บ หรือสูญหายไป ให้หัวหน้างานทราบ
  - ให้พักรอที่จุดรวมพลอย่างสงบเพื่อรอคำสั่ง



เส้นทางอพยพและจุดรวมพลของโรงไฟฟ้า

GULF



สารบัญ

GULF

1. ความรู้เกี่ยวกับความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน
2. กฎหมายความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน
3. ระเบียบปฏิบัติและข้อบังคับว่าด้วยความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน

1. ความรู้เกี่ยวกับความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

ปลอดภัยไว้ก่อน SAFETY FIRST

หัวข้อนำเสนอ

GULF

- 1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม
- 1.2 วัตถุประสงค์และเป้าหมายด้านความปลอดภัยฯ
- 1.3 สิทธิและหน้าที่ด้านความปลอดภัยฯ
- 1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน
- 1.5 การเลือกใช้และการดูแล PPE
- 1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

ปลอดภัยไว้ก่อน SAFETY FIRST

GULF

1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม

1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม

GULF

1. มุ่งมั่นที่จะบริหารและปฏิบัติตามกฎหมายด้านสิ่งแวดล้อม ความปลอดภัยและสังคม อย่างเคร่งครัด พร้อมทั้งนำข้อกำหนด ของลูกค้า และข้อกำหนดอื่นๆที่เกี่ยวข้องเข้าปรับใช้เป็นมาตรฐานในการดำเนินการ

2. จะดำเนินธุรกิจอย่างมีแนวทาง รับผิดชอบต่อสิ่งแวดล้อม รวมถึงความมุ่งมั่นในการป้องสิ่งแวดล้อม ความปลอดภัยและการจัดการด้านสังคมโดยมีเป้าหมายคือลดการปลดปล่อยก๊าซเรือนกระจกของทั้งองค์กรตลอดจนวัฏจักรการผลิตของผลิตภัณฑ์ สร้างสมดุลระหว่างผลประโยชน์และผู้มีส่วนได้ส่วนเสียขององค์กร ทำให้เกิดการพัฒนาธุรกิจอย่างยั่งยืน

3. มุ่งมั่นในการป้องกันการได้รับบาดเจ็บและเจ็บป่วย อันตรายจากการทำงานและโรคที่เกิดจากการทำงาน รวมถึงการดูแลสภาพจิตใจของพนักงาน พร้อมทั้งมีการปรับปรุงสภาพแวดล้อมในการทำงานให้น่าอยู่ น่าทำงาน และเกิดความปลอดภัยสูงสุดในขณะทำงาน



GULF

1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม

1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม

GULF

4. จัดให้มีการสื่อสารทั้งภายในและภายนอกองค์กร โดยให้พนักงานทุกระดับชุมชนรอบข้าง และผู้มีส่วนได้ส่วนเสีย ให้มีความเข้าใจในระบบการจัดการด้านคุณภาพ ด้านสิ่งแวดล้อม และความปลอดภัย พร้อมทั้งให้คำปรึกษา ข้อแนะนำ รวมถึงการส่งเสริมและสนับสนุนกิจกรรมทั้งภายในและภายนอกองค์กร โดยให้พนักงานทุกระดับมีส่วนร่วมในการจัดกิจกรรม เพื่อเสริมสร้างความสัมพันธ์ที่ดีระหว่างองค์กรกับผู้ทำงาน ตัวแทนผู้ทำงานและผู้มีส่วนได้ส่วนเสีย และยินดีเปิดเผยรายงานผลการดำเนินงานสู่สาธารณะ

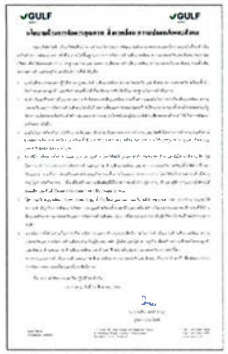
5. ให้การสนับสนุนทรัพยากรอย่างเหมาะสม ทั้งในเรื่องบุคลากร เทคโนโลยี สารสนเทศ เวลา งบประมาณและให้ความสำคัญกับการพัฒนาทรัพยากรมนุษย์ พร้อมทั้งปลูกฝังและเสริมสร้างวัฒนธรรมและพฤติกรรมที่ดีด้านสิ่งแวดล้อม ความปลอดภัยและการจัดการด้านสังคม เป็นการมีส่วนร่วมจากระดับผู้บริหารไปจนถึงพนักงานทุกๆระดับ



1.1 นโยบายด้านการจัดการคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม

6. เน้นการมีส่วนร่วมในการบริหารจัดการ และปรับปรุงประสิทธิภาพในการดำเนินงานด้านสิ่งแวดล้อม ความปลอดภัยและการจัดการด้านสังคม ร่วมกับผู้จัดเหมาหลัก ผู้ผลิต และผู้ค้าทางธุรกิจ เพื่อสร้างความพึงพอใจของลูกค้าและพัฒนาด้านคุณภาพ ด้านสิ่งแวดล้อม และด้านอาชีวอนามัยและความปลอดภัยอย่างต่อเนื่อง

7. ทบทวนแผนการดำเนินงานด้านคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม เป็นประจำทุกปี เพื่อพัฒนาระบบการจัดการอย่างต่อเนื่องและมีประสิทธิภาพ



ปลอดภัยไว้ก่อน SAFETY FIRST

1.2 วัตถุประสงค์และเป้าหมายด้านสิ่งแวดล้อมและความปลอดภัยฯ

1.2 วัตถุประสงค์และเป้าหมายด้านสิ่งแวดล้อมและความปลอดภัยฯ

No.	Objective	KPI	Target	Frequency
1	BBS participation	% of BBS participation	≥90% of participation + ≥60% Like/Warn observation report	Monthly
2	Zero accident	LTI case and Medical Treatment case are ZERO	ZERO Accident	Yearly
3	Zero waste to landfill	Weight of waste to landfill / Total weight of all disposal wastes (Refer to DIW website)	0 (Ton)	Yearly
4	Control and monitoring all parameter of wastewater and air pollution comply with standard (Thai Law).	All parameter of wastewater and air pollution comply with standard.	All parameter comply with standard.	Monthly

เป้าหมายความปลอดภัยการทำงานในพื้นที่โรงไฟฟ้า



- ไม่มีอุบัติเหตุจากการทำงาน (ZERO Accident)
- ประชุมความปลอดภัยประจำวัน (Daily SAFETY Talk)
- ตรวจสอบความปลอดภัยประจำวัน (Daily Safety Inspection)
- รายงานเหตุการณ์ไม่ปลอดภัย หรือ อุบัติเหตุโดยทันที (Incident Report Immediately)

ปลอดภัยไว้ก่อน SAFETY FIRST

1.3 สิทธิและหน้าที่ด้านความปลอดภัยฯ

1.3 สิทธิและหน้าที่ด้านความปลอดภัยฯ

ของลูกจ้าง

- มีหน้าที่ในการปฏิบัติตามพระราชบัญญัติความปลอดภัยฯ 2554
- มีหน้าที่ให้ความร่วมมือในการดำเนินการและส่งเสริมด้านความปลอดภัยฯ โดยคำนึงถึงสภาพของงานและหน้าที่รับผิดชอบ
- มีหน้าที่ใช้งบพิจารณาพร้อมของสภาพการทำงานหรือการซ่อมแซมหายของอาคาร สถานที่ เครื่องมือ เครื่องจักร หรืออุปกรณ์ ที่ไม่สามารถแก้ไขได้ด้วยคนของค่อ SHE หัวหน้างาน หรือผู้บริหาร
- มีหน้าที่สวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลที่นายจ้างจัดให้และดูแลให้สามารถใช้งานได้ตามสภาพและลักษณะของงานตลอดระยะเวลาทำงาน
- มีสิทธิได้รับความคุ้มครองจากการเลิกจ้าง หรือถูกโยกย้ายหน้าที่การงานเพราะเหตุที่ฟ้องร้อง เป็นพยาน ให้หลักฐาน หรือให้ข้อมูลเกี่ยวกับความปลอดภัยฯ ต่อพนักงานตรวจความปลอดภัย คณะกรรมการความปลอดภัยฯ หรือศาล



ปลอดภัยไว้ก่อน SAFETY FIRST

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

โรงงานที่ไม่มีความปลอดภัยย่อมให้ผลผลิตเพียง 2 อย่าง

- *ผลิตสินค้าที่ด้อยคุณภาพ*
- *ผลิตคนพิการสู่สังคม*







1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ความหมาย

"**ความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน**" **คือ** การกระทำหรือสภาพการทำงาน **ซึ่งปลอดจากเหตุอันจะทำให้เกิดการประสบอันตรายต่อ.....**



อันเนื่องจากการทำงานหรือเกี่ยวกับการทำงาน

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

อุบัติการณ์ (Incident)

หมายถึง เหตุการณ์ที่ไม่พึงประสงค์ที่เกิดขึ้น แล้วมีผลให้เกิดอุบัติเหตุ (Accident) หรือเหตุการณ์เกือบเกิดอุบัติเหตุ (Near Miss)





1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

เหตุการณ์เกือบเกิดอุบัติเหตุ (Near miss accident)

หมายถึง เหตุการณ์ไม่พึงประสงค์ที่เกิดขึ้น เมื่อเกิดขึ้นแล้วมีศักยภาพหรือมีแนวโน้มที่จะก่อให้เกิดการบาดเจ็บ ถ้าละเลยปล่อยให้สาเหตุดังกล่าวเกิดขึ้นบ่อยๆ หรือยังดำรงค์อยู่อย่างนั้น อาจนำไปสู่การเกิดอุบัติเหตุในที่สุด

อุบัติเหตุ (Accident)

หมายถึง เหตุการณ์ที่เกิดขึ้นโดยไม่ได้คาดการณ์ หรือวางแผนไว้ล่วงหน้า ซึ่งเมื่อเกิดขึ้นแล้วมีผลกระทบต่อการทำงาน ต่อผลผลิต ทำให้ทรัพย์สินเสียหาย หรือทำให้คนได้รับบาดเจ็บหรือพิการ หรือร้ายแรงถึงขั้นเสียชีวิตได้

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ตามมาตรฐานระบบการจัดการด้านความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

ได้ให้คำจำกัดความของคำดังต่อไปนี้

อันตราย หมายถึง สภาวะการณ์ที่มีเหตุอันจะทำให้เกิดความสูญเสีย

อุบัติเหตุ หมายถึง เหตุการณ์ที่ไม่ปรีผู้ใดตั้งใจให้เกิด เมื่อเกิดขึ้นแล้วมีผลให้เกิดการบาดเจ็บ หรือเสียชีวิต หรือทรัพย์สินเสียหาย

เหตุการณ์เกือบเกิดเป็นอุบัติเหตุ หมายถึง เหตุการณ์ที่ไม่มีผู้ใดตั้งใจให้เกิดเมื่อเกิดขึ้นแล้วไม่มีผลให้เกิดการบาดเจ็บ หรือเสียชีวิต หรือทรัพย์สินเสียหาย

ความสูญเสีย หมายถึง การบาดเจ็บ หรือเสียชีวิต หรือทรัพย์สินเสียหาย หรือเจ็บป่วยหรือเป็นโรค

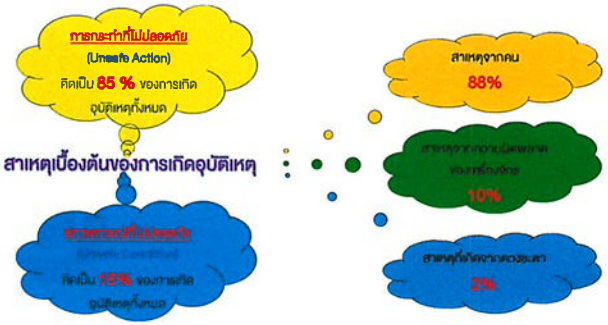
ความเสี่ยง หมายถึง ระดับของอันตรายที่บ่งบอกว่ายอมรับได้หรือยอมรับไม่ได้

ระเบียบการปฏิบัติงาน หมายถึง การอธิบายภาพรวมของการทำงานในกระบวนการทำงานว่าเกี่ยวข้องกับอะไร ใคร เมื่อไหร่ ที่ไหน อย่างไร มีเอกสารอะไรบ้างที่เกี่ยวข้อง

ขั้นตอนและวิธีการปฏิบัติงาน หมายถึง การอธิบายว่าแต่ละขั้นตอนงานมีรายละเอียดการปฏิบัติงานอย่างไร

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

การกระทำที่ไม่ปลอดภัย (Unsafe Action)

หมายถึง : การกระทำหรือการปฏิบัติงานของคนงานมีผลทำให้เกิดความไม่ปลอดภัยทั้งต่อตนเองและผู้อื่น

เช่น

- การกำงานไม่ถูกวิธี การทำงานลัดขั้นตอน ไม่ปฏิบัติตามกฎระเบียบ ข้อบังคับ
- ประมาท พลั้งเผลอ เหม่อลอย หลงลืม
- ถอดเครื่องกำบังของเครื่องจักรออก
- บีทัศนคติที่ไม่ถูกต้อง → อุบัติเหตุเป็นเรื่องของเวรกรรม
- สภาพร่างกายและจิตใจไม่พร้อมทำงาน
- การใช้วัสดุอุปกรณ์ไม่ถูกต้อง เหมาะสม → ไม่ลมาย / เมาค้าง/ มีปัญหาครอบครัว / กะเลาะกับแฟน ฯลฯ





1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

สภาพการณ์ที่ไม่ปลอดภัย (Unsafe Condition)

หมายถึง : สภาพของโรงงานอุตสาหกรรม เครื่องจักร กระบวนการผลิต อุปกรณ์ในการผลิตต่างๆ ไม่มีความปลอดภัยเพียงพอ

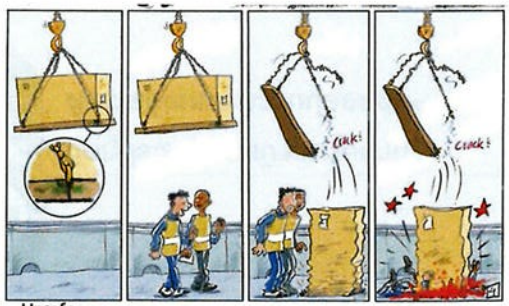
เช่น

- การออกแบบโรงงานและวางแผนผังไม่เหมาะสม
- ไม่มีการ์ดกำบังป้องกันในส่วนที่เคลื่อนไหว
- เครื่องจักรกล อุปกรณ์ในการผลิตขาดการบำรุงรักษา
- บริเวณที่ทำงานมีการวางของไม่เป็นระเบียบ กีดขวางทางเดิน
- ไม่มีระบบการระบายและถ่ายเทอากาศที่เหมาะสม
- สภาพแวดล้อมในการทำงานไม่เหมาะสม → แสงสว่างไม่เพียงพอ เสียงดังเกินมาตรฐาน ความร้อน ฝุ่นละออง ไอระเหยจากสารเคมี ฯลฯ



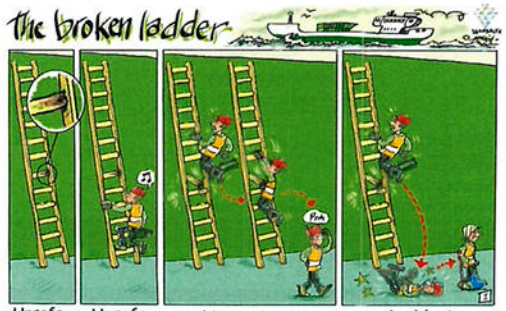
1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



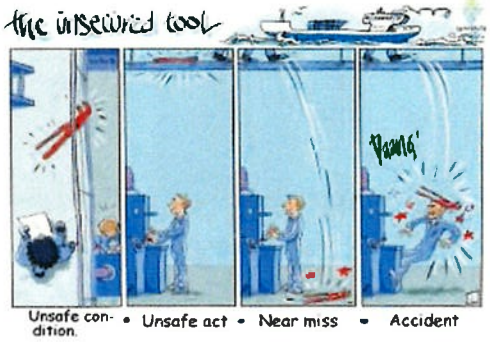
1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

การกระทำที่ต่ำกว่ามาตรฐาน (Unsafe Action)

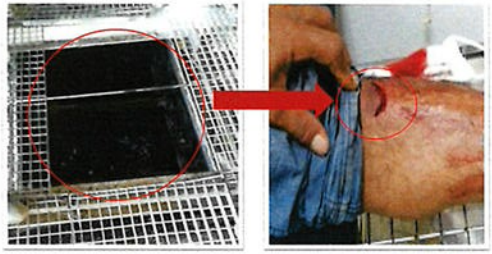




1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

สภาพการณ์ที่ต่ำกว่ามาตรฐาน (Unsafe Condition)

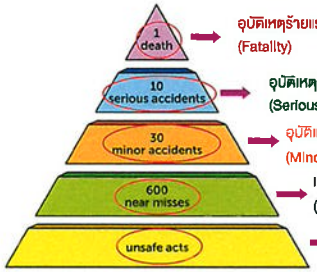


1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ACCIDENT RATIO STUDY

The Safety Triangle or The Safety Pyramid by Frank Bird



อุบัติเหตุร้ายแรง ถึงขั้นเสียชีวิต
(Fatality)

อุบัติเหตุถึงขั้นบาดเจ็บสาหัส พิการ ทุพลภาพ
(Serious or Major Injury)

อุบัติเหตุบาดเจ็บปานกลาง ทรัพย์สินเสียหาย
(Minor Injury or Property Damage)

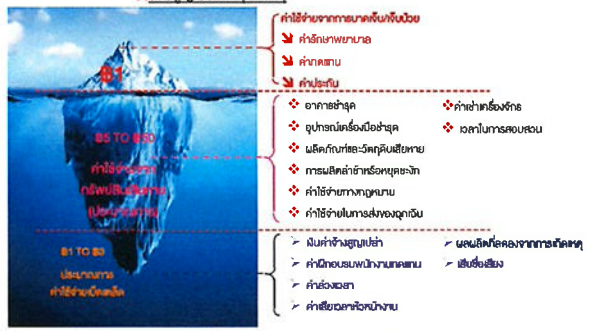
เหตุการณ์เกือบเกิดอุบัติเหตุหรือเหตุการณ์ผิดปกติ
(Near-Miss accidents)

ขาดการควบคุมด้านการบริหาร
(Lack of Management Control)

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ความสูญเสียจากอุบัติเหตุ



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ผลกระทบโดยตรงของลูกจ้างเมื่อประสบอุบัติเหตุ

- ขาดรายได้ในระหว่างที่รักษาตัว
- สูญเสียโอกาสความก้าวหน้าในอาชีพการงาน
- กลายเป็นคนพิการ
- เป็นภาระของครอบครัว
- ทำให้ลูกๆหมดอนาคตตามที่คาดหวังไว้
- ทำให้ครอบครัวแตกแยกเนื่องจากขาดผู้นำ
- เป็นภาระต่อสังคม









1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ผลกระทบโดยอ้อมของลูกจ้างเมื่อประสบอุบัติเหตุ

ความสูญเสียทางอ้อม (Indirect Loss) คือค่าใช้จ่ายอื่นๆ (ซึ่งส่วนใหญ่จะคำนวณเป็นตัวเงินได้ยาก) นอกเหนือจากค่าใช้จ่ายทางตรงสำหรับการเกิดอุบัติเหตุในแต่ละครั้ง ได้แก่

- **การสูญเสียเวลา**ในการทำงานหรือผู้บาดเจ็บเพื่อรักษาพยาบาล
- **ค่าใช้จ่ายในการซ่อมแซม**เครื่องจักรฯที่ได้รับความเสียหาย
- **วัตถุดิบหรือสินค้าที่ได้รับความเสียหาย**ต้องทิ้ง ทำลายหรือขายเป็นเศษเหล็ก
- **ผลผลิตลดลง**เนื่องจากกระบวนการผลิตขัดข้อง ต้องหยุดชะงัก
- **การสูญเสียโอกาสทางการค้า** เช่น ผลผลิตลดลง ทำงานไม่ได้ตามเป้าหมาย เป็นต้น
- **การเสียชื่อเสียง และภาพลักษณ์**ของสถานประกอบกิจการ
- *บริษัทสูญเสียบุคคลากรที่มีความรู้ความสามารถ*

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

อวัยวะที่ได้รับอันตรายที่มีจำนวนการประสบอันตรายหรือเจ็บป่วยเนื่องจากการทำงาน

สูงสุด 5 อันดับแรก ปี 2561 - 2565



(1) นิ้วมือ/นิ้วหัวแม่มือ
คิดเป็นร้อยละ 30.02 ต่อปี

(2) ตา
คิดเป็นร้อยละ 15.86 ต่อปี

(3) บาดเจ็บหลายส่วน บาดเจ็บตามร่างกาย
คิดเป็นร้อยละ 8.78 ต่อปี

(4) มือ
คิดเป็นร้อยละ 6.56 ต่อปี

(5) ขา/หน้าแข้ง/น่อง/เข่า/หัวเข่า
คิดเป็นร้อยละ 6.08 ต่อปี

อุบัติเหตุ (Accident)



การค้นหาต้นตอของการเกิดอุบัติเหตุ

(Root Cause)

Loss Causation Model

ขาดการควบคุม (Lack of Control)	สาเหตุพื้นฐาน (Basic Causes)	สาเหตุเบื้องต้น (Immediate Cause)	เหตุการณ์ที่เกิดขึ้น (Incident)	ความสูญเสีย (Loss)
1. โปรแกรม 2. มาตรฐาน 3. การปฏิบัติตามมาตรฐาน	1. ปัจจัยส่วนบุคคล 2. ปัจจัยในงาน	1. การปฏิบัติที่ต่ำกว่ามาตรฐาน 2. สภาพที่ต่ำกว่ามาตรฐาน	มีการสัมผัสกับพลังงานหรือสสาร	1. คน 2. ทรัพย์สิน 3. กระบวนการผลิต

สาเหตุเบื้องต้น

การปฏิบัติที่ต่ำกว่ามาตรฐาน (Sub Standard Action)

- ใช้เครื่องมือที่ชำรุด
- ใช้เครื่องมือที่ไม่เหมาะสม
- การขนถ่ายไม่เหมาะสม
- การจัดวางไม่เหมาะสม
- วิธีการยกไปถูกต้อง
- ท่าทางการทำงานไม่เหมาะสม
- ทำงานกับอุปกรณ์ที่ไม่ปิดเครื่อง
- หยอกล้อเล่นกันในขณะปฏิบัติงาน
- ดื่มสุรา สิ่งเสพติดขณะปฏิบัติงาน
- ใช้อุปกรณ์ป้องกันอันตรายส่วนบุคคลไม่เหมาะสม/ไม่ใช้/ชำรุด
- ปฏิบัติงานโดยไม่มีหน้าที่
- ขาดการตักเตือน
- ขาดการควบคุมดูแล
- ใช้ความเร็วไม่เหมาะสม
- อุปกรณ์ความปลอดภัยได้ถูกเปลี่ยนแปลง ใช้การไม่ได้
- นำอุปกรณ์ความปลอดภัยออกจากระบบ



สาเหตุเบื้องต้น

สภาพที่ต่ำกว่ามาตรฐาน (Sub Standard Condition)



- ขาดเครื่องกำบังหรือเครื่องกำบังไม่เหมาะสม
- ขาดอุปกรณ์ป้องกันอันตรายส่วนบุคคลหรือไม่เหมาะสม
- อุปกรณ์ เครื่องมือ เครื่องใช้ชำรุด
- สถานที่ทำงานคับแคบหรือจำกัด
- ขาดระบบเตือนภัย
- อันตรายจากไฟไหม้ และการระเบิด
- ไม่มีความเป็นระเบียบเรียบร้อย
- อันตรายจากสิ่งแวดล้อม เช่น ก๊าซ ฝุ่น ควัน ฟูม ฯลฯ
- อันตรายจากเสียงดัง
- อันตรายจากสารกัมมันตรังสี
- อันตรายจากความร้อน/เย็น
- อันตรายจากแสง (มาก/น้อยเกินไป)
- ขาดการระบายอากาศที่ดี

สาเหตุพื้นฐาน

ปัจจัยส่วนบุคคล

- ขาดความรู้
- ขาดความชำนาญ/ทักษะ
- ขีดความสามารถทางร่างกายไม่เพียงพอ
- ขีดความสามารถทางจิตใจไม่เพียงพอ
- ความกดดันทางร่างกาย
- ความกดดันทางจิตใจ
- ขาดแรงจูงใจ

ปัจจัยในงาน

- ขาดภาวะการเป็นผู้นำ/ตรวจสอบ
- ขาดการออกแบบที่ดี
- การจัดซื้อไม่ดี
- ขาดการบำรุงรักษา
- ขาดเครื่องมือ อุปกรณ์ วัสดุ
- ไม่มีมาตรฐานการทำงาน
- ใช้อุปกรณ์ เครื่องมือสึกกร่อน
- ใช้งานผิดประเภท

เหตุการณ์ที่เกิดขึ้น

- สัมผัสความเย็น
- สัมผัสความร้อน
- ถูกหนีบ
- ถูกของมีคม
- วัตถุกระเด็นใส่
- วัตถุตกใส่
- กระแทกกับวัตถุเคลื่อนไหว
- ถูกกระแทก ถูกตี
- ตกจากที่ต่างระดับ
- ลื่น หกล้ม
- การยกของ
- CAUSTIC
- TOXIC/NOXIOUS SUBSTANCE
- ไฟฟ้า
- รังสี
- เสียงดัง

วิธีปฏิบัติของพนักงานเพื่อป้องกันอุบัติเหตุและความสูญเสีย

1. ศึกษากฎระเบียบความปลอดภัยให้เข้าใจและปฏิบัติอย่างเคร่งครัด
2. ศึกษาวิธีการปฏิบัติงานที่ถูกต้องและปฏิบัติอย่างต่อเนื่องสม่ำเสมอ
3. ศึกษาหาความรู้ในการทำงานที่ถูกต้อง
4. เชื่อฟังคำแนะนำหรือการสั่งสอนจากหัวหน้างานหากไม่เข้าใจให้สอบถามก่อน
5. เมื่อพบเห็นสิ่งที่ผิดปกติที่ปล่อยไว้แล้วอาจจะเป็นอันตรายต่อผู้อื่นหรือตนเอง ให้รีบแจ้งและแก้ไขทันที
6. เข้าร่วมในการฝึกและทำกิจกรรมต่างๆเกี่ยวกับความปลอดภัยที่หน่วยงานจัดขึ้นเพื่อฝึกทักษะและความชำนาญเช่น การฝึกซ้อมดับเพลิง
7. ใช้อุปกรณ์ป้องกันอันตรายส่วนบุคคลตลอดระยะเวลาขณะปฏิบัติงาน

หลักการป้องกันอุบัติเหตุ



ENGINEERING E

เป็นวิธีที่ควบคุมและป้องกันอุบัติเหตุได้ดีที่สุดและเป็นวิธีแรกที่ต้องคำนึงถึง



EDUCATION E

เป็นการให้ความรู้ วิธีการทำงานที่ถูกต้อง เพื่อสร้างจิตสำนึกที่ดีด้านความปลอดภัย สำหรับพนักงาน



ENFORCEMENT E

สร้างข้อกำหนด ข้อบังคับ เพื่อควบคุม ป้องกันอันตรายในการทำงาน

โรคที่เกิดกับผู้ประกอบอาชีพ แบ่งได้ 3 กลุ่มใหญ่ๆ คือ





1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

โรคทั่วไป

โรคที่ไม่ได้เกิดการประกอบอาชีพ เช่น เบาหวาน หัวใจ ไข้เลือดออก ไข้หวัด เป็นต้น

โรคจากการประกอบอาชีพ

โรคที่เกิดจากปัจจัยในการประกอบอาชีพโดยตรง ซึ่งเป็นปัจจัยเดียวที่ก่อให้เกิดโรค โดยอาจเกิดทันที เช่น สัมผัสไอกรดในโรงงานแบตเตอรี่ มีอาการแสบตา แน่นหน้าอก หายใจไม่ออก หรือการสัมผัสสารกำจัดแมลงในขณะฉีดพ่น มีอาการแน่นหน้าอก หนังตากระตุก น้ำตาไหล คลื่นไส้ อาเจียน มีผื่นคันตามผิวหนัง เป็นต้น

โรคเกี่ยวเนื่องกับการประกอบอาชีพ

การประกอบอาชีพไปกระตุ้นให้โรคเดิมของผู้ป่วยคนนั้นให้แสดงอาการออกมา หรือทำให้อาการแย่ลงกว่าเก่า เช่น ในคนที่ผิดปกติอยู่แล้ว หรือผู้ป่วยด้วยโรคเบาหวานจะมีอาการโรคเส้นเอ็นอักเสบได้ง่าย ดังนั้นการประกอบอาชีพเมื่อมีการออกแรงซ้ำ ๆ หรือมีท่าทางการทำงานที่ไม่ถูกต้อง ก็จะแสดงอาการขึ้น

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF



ปัจจัยที่ทำให้เกิดโรคจากการประกอบอาชีพ

1. สภาพร่างกายคนทำงาน
2. สภาพงานหรือลักษณะงาน
3. สภาพแวดล้อมในการทำงาน

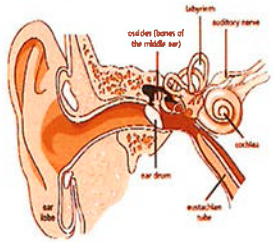
1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

1. สภาพแวดล้อมทางกายภาพ

เสียงดัง (Noise) >>

การสูญเสียการได้ยิน (Noise Induced Hearing Loss)



การสัมผัสเสียงดังเป็นเวลานาน จะทำให้ hair cell หลุดร่วงไป เป็นสาเหตุของการสูญเสียการได้ยิน

จากการวิจัยพบว่า ในกลุ่มคนงานที่ทำงานสัมผัสกับเสียงที่ดังกว่า **85 dBA นาน 8 ชั่วโมง/วัน ติดต่อกันนาน 5 ปี** *มีโอกาสที่จะทำให้เกิดการสูญเสียการได้ยินได้*

เดซิเบลเอ (dBA) เป็นวิธีที่ใช้กันมากที่สุดและครอบคลุมช่วงความถี่เดิม 20Hz จนถึง 20 kHz หูของมนุษย์มีความไวต่อความถี่เสียงมากที่สุดระหว่าง 500 Hz ถึง 6 kHz

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

มาตรฐานระดับเสียงที่ยอมให้ลูกจ้างได้รับตลอดเวลาการทำงานในแต่ละวัน

ประกาศกรมสวัสดิการและคุ้มครองแรงงาน
เรื่อง มาตรฐานระดับเสียงที่ยอมให้ลูกจ้างได้รับเฉลี่ยตลอดระยะเวลาการทำงานในแต่ละวัน

เวลาการทำงานที่ได้รับเสียง (ชม.)	ระดับเสียงเฉลี่ยตลอดการทำงานไม่เกิน (dB A)
12	83
8	85
6	86
5	87
4	88
3	89
2	91

- นายจ้างต้องควบคุมระดับเสียงมิให้ลูกจ้างได้รับเสียงดังเกินมาตรฐานตามที่กำหนดในบัญชีท้ายประกาศนี้ ในกรณีที่ลูกจ้างได้รับเสียงดังเกินมาตรฐานที่กำหนดในบัญชีท้ายประกาศนี้ นายจ้างต้องจัดให้ลูกจ้างสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลประเภทครอบหู (ear muff) หรือปลั๊กลดเสียง (ear plug) ที่สามารถลดเสียงได้ไม่น้อยกว่าระดับเสียงที่ลูกจ้างได้รับเกินมาตรฐานที่กำหนดในบัญชีท้ายประกาศนี้ ตลอดเวลาที่ลูกจ้างทำงานในบริเวณนั้น
- ในกรณีที่ลูกจ้างได้รับเสียงดังเกินมาตรฐานที่กำหนดในบัญชีท้ายประกาศนี้ นายจ้างต้องจัดให้ลูกจ้างได้รับการตรวจสุขภาพเกี่ยวกับการได้ยินเป็นครั้งแรกภายในสามสิบวันนับแต่วันที่ลูกจ้างได้รับเสียงดังเกินมาตรฐานที่กำหนดในบัญชีท้ายประกาศนี้ และต้องจัดให้มีการตรวจสุขภาพเกี่ยวกับการได้ยินเป็นประจำทุกปี
- ในการที่ลูกจ้างทำงานเป็นเวลาน้อยกว่าหรือมากกว่าเวลาที่กำหนดในบัญชีท้ายประกาศนี้ ให้นายจ้างคำนวณระดับเสียงเฉลี่ยตลอดเวลาการทำงานแปดชั่วโมงทั้งวันตามสูตรที่กำหนดในบัญชีท้ายประกาศนี้

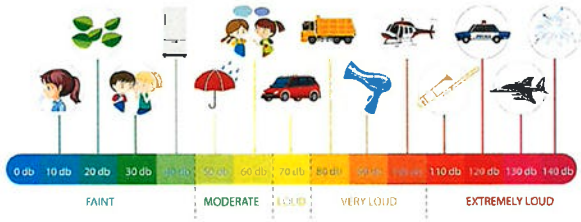


1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

1. สภาพแวดล้อมทางกายภาพ

เสียงดัง (Noise)

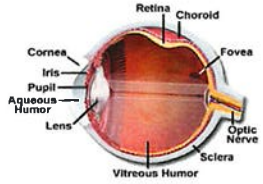


1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

แสงสว่าง (Lighting) >>

ปัญหาด้านการมองเห็น



ปัญหาและอันตรายที่เกิดจากแสงสว่างและผลกระทบต่อผู้ทำงาน สามารถจำแนกได้ 3 ลักษณะ ดังนี้

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

1. แสงสว่างที่น้อยเกินไป



2. แสงสว่างที่มากเกินไป



3. แสงจ้า

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ความร้อน (Heat) >>

โรคจากความร้อน

อุณหภูมิร่างกายของคนปกติอยู่ในระดับ *37 องศาเซลเซียส* ดังนั้นเมื่อร่างกายได้รับความร้อนหรือสร้างความร้อนขึ้น **ก็จำเป็นที่ต้องถ่ายเทออกไปเพื่อรักษาสมดุลอุณหภูมิของร่างกาย**

หากร่างกายไม่สามารถรักษาสมดุลย์ของระบบควบคุมความร้อนได้ ก็จะทำให้เกิดความผิดปกติหรือความเจ็บป่วยได้



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

กฎกระทรวง กำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับ**ความร้อน** แสงสว่าง และเสียง พ.ศ. 2559

(1) งานที่ลูกจ้างทำในลักษณะ*งานเบา*ต้องมีมาตรฐานระดับความร้อนไม่เกินค่าเฉลี่ยอุณหภูมิเวตบัลป์โกลบ *34 องศาเซลเซียส*

(2) งานที่ลูกจ้างทำในลักษณะงาน*ปานกลาง*ต้องมีมาตรฐานระดับความร้อนไม่เกินค่าเฉลี่ยอุณหภูมิเวตบัลป์โกลบ *32 องศาเซลเซียส*

(3) งานที่ลูกจ้างทำในลักษณะ*งานหนัก*ต้องมีมาตรฐานระดับความร้อนไม่เกินค่าเฉลี่ยอุณหภูมิเวตบัลป์โกลบ *30 องศาเซลเซียส*

ค่า **WBGT** (Wet Bulb Globe Temperature) เป็น*ค่าดัชนีของอุณหภูมิ*หลายตัวประกอบกันขึ้นจาก*อุณหภูมิ ความชื้น*และการ*แผ่รังสีความร้อน*ในร่างกายมนุษย์ เพื่อใช้ประเมินอันตรายจากการอยู่ในสภาพแวดล้อมที่มี*อุณหภูมิสูง*ของผู้ปฏิบัติงาน

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

กฎกระทรวง กำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับความร้อน แสงสว่าง และเสียง พ.ศ. 2559

งานเบา หมายความว่า ลักษณะงานที่ใช้แรงน้อยหรือใช้กำลังงานที่ทำให้เกิดการเผาผลาญอาหารในร่างกายไม่เกิน 200 กิโลแคลอรีต่อชั่วโมง เช่น งานเขียน หนังสือ งานพิมพ์ดีด งานบันทึกข้อมูล งานเย็บจักร งานนั่งตรวจสอบผลิตภัณฑ์ งานประกอบชิ้นงานขนาดเล็ก งานขับ เครื่องจักรด้วยเท้า การยืนคุมงาน

งานปานกลาง หมายความว่า ลักษณะงานที่ใช้แรงปานกลางหรือใช้กำลังงานที่ทำให้เกิดการเผาผลาญอาหารในร่างกายเกิน 200 กิโลแคลอรีต่อชั่วโมง ถึง 350 กิโลแคลอรีต่อชั่วโมง เช่น งานยก ลาก ดัน หรือเคลื่อนย้ายสิ่งของด้วยแรงปานกลาง งานตอกตะปู งานตะไบ งานขับ รถบรรทุก งานขับรถแทรกเตอร์

งานหนัก หมายความว่า ลักษณะงานที่ใช้แรงมากหรือใช้กำลังงานที่ทำให้เกิดการเผาผลาญอาหารในร่างกายเกิน 350 กิโลแคลอรีต่อชั่วโมง เช่น งานที่ใช้ พลั่วตักหรือเครื่องมือลักษณะคล้ายกัน งานขุด งานเลื่อยไม้ งานเจาะไม้เนื้อแข็ง งานทุบโดยใช้ค้อนขนาดใหญ่ งาน ยก หรือ เคลื่อนย้ายของหนักขึ้นที่สูงหรือที่ลาดชัน

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

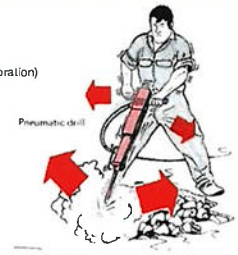
GULF

ความสั่นสะเทือน >> โรคจากความสั่นสะเทือน (Vibration Disorders)

ผลของความสั่นสะเทือนต่อร่างกาย

- ความสั่นสะเทือนทั้งร่างกาย (Whole-Body Vibration)
- ความสั่นสะเทือนเฉพาะส่วน เช่น ที่มือและแขน (Hand-Arm Vibration)

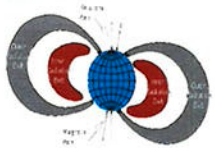




1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

รังสี Radiation



คือ พลังงานที่แผ่ออกมาจากต้นกำเนิด ในรูปของคลื่นแม่เหล็กไฟฟ้า ได้แก่ คลื่นวิทยุ ไมโครเวฟ อินฟาเรด รังสีเอ็กซ์ รังสีแกมมา รังสีคอสมิก และใน ลักษณะของอนุภาค เช่น แอลฟา เบตา และนิวตรอน เป็นต้น

รังสีแบ่งเป็น 2 ประเภท

-รังสีที่แตกตัวได้ เช่น รังสีแกมมา แอลฟา เบต้า เป็นต้น

-รังสีที่แตกตัวไม่ได้ เช่น อุลตราไวโอเลต ไมโครเวฟ เลเซอร์ เป็นต้น

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

Health Hazard

1.รังสีที่แตกตัวได้
(รังสีแกมมา แอลฟา เบต้า)

- ผิวหนังเสียหาย เป็นแผลเรื้อรังหรืออาจจะเป็นมะเร็ง
- เกิดต้อกระจกที่เลนส์ตา
- มะเร็งปอด เนื่องจากการหายใจเอาวัสดุกัมมันตรังสีเข้าไปเกาะติดอยู่ในปอด
- ไขกระดูกถูกทำลายทำให้ผลิตเม็ดเลือดแดงไม่ได้
- เกิดมะเร็งเม็ดเลือดขาว (Leukemia)
- เป็นหมัน

2. รังสีที่แตกตัวไม่ได้

2.1 เลเซอร์
- ทำลายกระจกตา เลนส์ตาหรือจอภาพ
- ผิวหนังไหม้

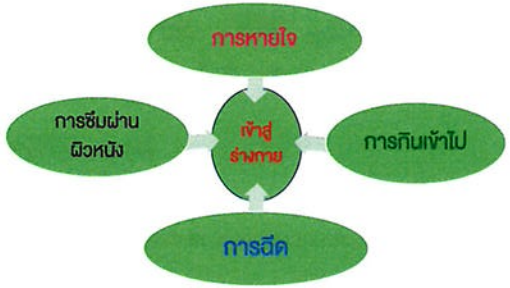
2.2 ไมโครเวฟ
- เนื้อเยื่อร่างกายจะร้อนขึ้น
- เป็นต้อเนื่องจากความร้อน

2.3 อินฟาเรด
- ผิวหนังและเนื้อเยื่อบางส่วนร้อน
- เป็นต้อ

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

2. สภาพแวดล้อมทางเคมี



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ผลกระทบต่อสุขภาพ

แบบเฉียบพลัน : เป็นการสัมผัสที่เกิดขึ้นครั้งเดียวในระยะเวลาที่ค่อนข้างสั้น เช่น หนึ่งนาทีถึงสองสามวัน อาการที่เกิดขึ้น ได้แก่ เกิดผลผื่นคันระคายเคือง ผิวหนังไหม้ อักเสบ ทางเดินหายใจ หน้ามืด วิงเวียน





แบบเรื้อรัง : เป็นการสัมผัสสารที่ระดับค่อนข้างต่ำในระยะเวลานานตั้งแต่เป็นเดือนถึงเป็นปี อาการที่เกิดขึ้น ได้แก่ การเกิดความพิการในทารก (Teratogenic) การเกิดความผิดปกติทางสายพันธุ์ในตัวอ่อน หรือการฆ่าเหล่า (Mutagenic) การผิดปกติภายในอวัยวะสืบพันธุ์กรรม เช่น การเปลี่ยนแปลงของ DNA การเกิดมะเร็ง (Carcinogenic)

1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

ปฏิบัติงานกับสารเคมี ต้องศึกษาข้อมูลของสารเคมีนั้นๆเป็นอย่างดี โดย*ศึกษาข้อมูลจาก SDS* เช่น อันตรายของสารเคมี คำเตือนในการจัดเก็บ วิธีใช้ วิธีปฏิบัติเมื่อเกิดเหตุฉุกเฉิน การปฐมพยาบาล การสวมใส่ PPE เป็นต้น



1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

โรคจากการประกอบอาชีพ โรคผิวหนังที่มีสาเหตุจากการสัมผัสสารเคมี

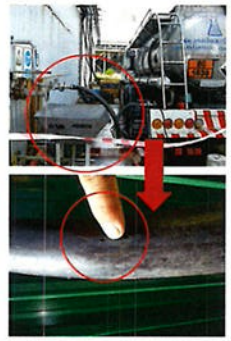


1.4 ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

GULF

สายโหลดสารเคมีกรดซัลฟูริก ช่ำรุด รั่ว แตก เป็นสาเหตุให้ผู้ปฏิบัติงานได้รับอันตราย หากไม่มีการตรวจสอบอย่างสม่ำเสมอ





GULF

4. จิตวิทยาสังคม

การยศาสตร์ (Ergonomics)



"Ergon" ที่หมายถึง งาน (work)

"Nomos" ที่แปลว่า กฎตามธรรมชาติ

"Ergonomics" หรือ "laws of work"

ที่อาจแปลได้ว่ากฎของงาน ซึ่งเป็นศาสตร์ที่เป็นการปรับเปลี่ยนสภาพงานให้เหมาะสมกับผู้ปฏิบัติงาน หรือเป็นการปรับปรุงสภาพการทำงานอย่างเป็นระบบ

GULF

ปัญหาการยศาสตร์ที่พบมากในสถานประกอบการ

จากการรวบรวมสถิติการประสบอันตรายหรือเจ็บป่วยเนื่องจากการทำงาน สำนักงานกองทุนเงินทดแทน สำนักงานกองทุนประกันสังคม กระทรวงแรงงาน พบว่าปัญหาด้านการยศาสตร์นี้ก่อให้เกิด ผลกระทบต่อสุขภาพอนามัยของผู้ปฏิบัติงานในสถานประกอบการมี 4 ประการใหญ่ คือ

1.การประสบอันตรายจากการยกหรือเคลื่อนย้ายของหนัก
2.การประสบอันตรายจากท่าทางการทำงาน
3.อาการเจ็บป่วยจากการเคลื่อนย้ายของหนัก
4.อาการเจ็บป่วยจากท่าทางการทำงาน



GULF

สาเหตุ

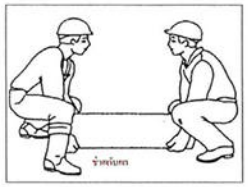
>> การออกแบบที่ไม่เหมาะสม
>> การปฏิบัติงานในท่าซ้ำซากเป็นระยะเวลานาน
>> การปฏิบัติงานในท่าทางที่ไม่เหมาะสม
>> การออกแรงที่ฝืนธรรมชาติ

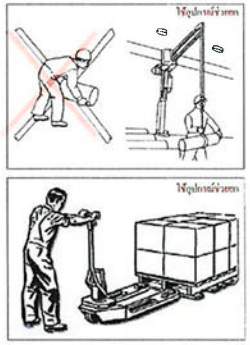




GULF

การยกของที่ถูกวิธี





GULF

*กฎหมายที่เกี่ยวข้องกับการยกของและกำหนดอัตราน้ำหนักที่ให้ลูกจ้างทำงานได้

เพศ/อายุ	น้ำหนักที่ให้ยกได้
หญิง 15-18 ปี	20 กิโลกรัม
หญิง 18 ปีขึ้นไป	25 กิโลกรัม
ชาย 15-18 ปี	25 กิโลกรัม
ชาย 18 ปีขึ้นไป	55 กิโลกรัม

ในกรณีของหนักเกินอัตราที่กำหนด *ต้องจัดให้มีการใช้เครื่องทุ่นแรง* ที่เหมาะสม และไม่เป็นอันตรายต่อสุขภาพและความปลอดภัย

GULF







GULF

1.5

การเลือกใช้และการดูแล PPE

GULF

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล
(Personal Protective Equipment ; PPE)

คือ สิ่งใดสิ่งหนึ่งหรือหลายสิ่งรวมกัน ที่สวมใส่ลงบนอวัยวะส่วนใดส่วนหนึ่งหรือหลายส่วนร่วมกันของร่างกาย เพื่อป้องกันอันตรายให้แก่อวัยวะนั้น ไม่ต้องประสบอันตราย หรือลดความรุนแรงจากอันตรายที่เกิดขึ้น ในระหว่างที่ปฏิบัติงาน







GULF

กฎหมายประเทศไทยที่เกี่ยวข้องกับ PPE

1. พระราชบัญญัติความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน พ.ศ. 2554

หมวด 2 การบริหาร การจัดการและการดำเนินการด้านความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

มาตรา 22 ให้นายจ้างจัดและดูแลให้ลูกจ้างสวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลที่ได้มาตรฐานตามที่อธิบดีประกาศกำหนด ลูกจ้างมีหน้าที่สวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลและดูแลรักษาอุปกรณ์ตามวรรคหนึ่ง ให้สามารถใช้งานได้ตามสภาพและลักษณะของงานตลอดระยะเวลาการทำงานในกรณีที่ลูกจ้างไม่สวมใส่อุปกรณ์ดังกล่าว ให้นายจ้างสั่งให้ลูกจ้างหยุดการทำงานนั้นจนกว่าลูกจ้างจะสวมใส่อุปกรณ์ดังกล่าว

มาตรา 62 ผู้ใดไม่ปฏิบัติตามมาตรา 22 วรรคหนึ่ง ต้องระวางโทษจำคุกไม่เกินสามเดือน หรือปรับไม่เกินหนึ่งแสนบาท หรือทั้งจำทั้งปรับ



1.5 การเลือกใช้และการดูแล PPE

GULF

กฎหมายประเทศไทยที่เกี่ยวข้องกับ PPE

2. ประกาศกรมสวัสดิการและคุ้มครองแรงงานเรื่องกำหนดมาตรฐานอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล พ.ศ. 2554

รายละเอียดของเนื้อหาเป็นการกำหนดมาตรฐานอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลได้แก่ มอก., ISO, EN, AS/NZS, ANSI, JIS, NIOSH, OSHA, NFPA ทั้งนี้ให้เหมาะสมกับชนิด หรือประเภทของงานที่ลูกจ้างทำ



1.5 การเลือกใช้และการดูแล PPE

GULF

หลักการป้องกันอันตราย



1.5 การเลือกใช้และการดูแล PPE

GULF

หลักทั่วไปในการเลือกใช้อุปกรณ์คุ้มครองความปลอดภัย

1. การประเมินสภาพอันตรายในการทำงาน (Hazard Assessment) เป็นขั้นตอนแรกที่สำคัญและเทคนิคที่นำมาใช้ประเมินสภาพอันตรายในการทำงานคือ การเดินสำรวจ (Walk Through Survey)

2. การเลือก PPE (Selecting PPE)

2.1 มีความเหมาะสมกับอันตรายและลักษณะงาน รวมทั้งมีประสิทธิภาพในการป้องกัน

2.2 มีมาตรฐานรับรอง PPE ที่มาจากหน่วยงาน/องค์กรที่เชื่อถือเป็นที่ยอมรับ

2.3 มีความพอดีกับแต่ละบุคคล และรู้สึกสบายเมื่อสวมใส่ PPE

2.4 การบำรุงรักษาง่าย และมีความทนทาน

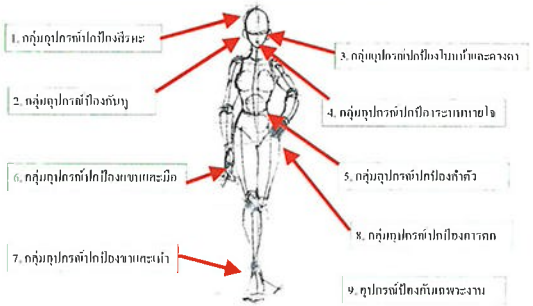
2.5 มีราคาเหมาะสม



1.5 การเลือกใช้และการดูแล PPE

GULF

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



1.5 การเลือกใช้และการดูแล PPE

GULF



1.5 การเลือกใช้และการดูแล PPE

GULF

ข้อจำกัดของอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล

1. ผู้ปฏิบัติงานที่ต้องสวมใส่ PPE รู้สึกไม่สุขสบายเมื่อต้องสวมใส่
2. ทำให้การปฏิบัติงานไม่สะดวกโดยเฉพาะในระยะเริ่มแรกก่อนจะคุ้นเคยเป็นนิสัย
3. อุปกรณ์**ไม่สามารถกำจัดอันตรายจากสถานที่ทำงานได้** โดยเฉพาะเมื่ออุปกรณ์ทำงานล้มเหลวจะทำให้ผู้สวมใส่อุปกรณ์ได้รับสัมผัสกับสารอันตรายทันที
4. อุปกรณ์ป้องกันอันตราย**จะใช้ไม่ได้ผลถ้าผู้สวมใส่ไม่มีความรู้ ความเข้าใจในวิธีการใช้ที่ถูกต้อง**และเลือกสวมใส่โดยไม่คำนึงถึงอันตรายที่จะต้องสัมผัส

1.5 การเลือกใช้และการดูแล PPE

GULF

1. อุปกรณ์ป้องกันศีรษะ

ใช้สำหรับป้องกันศีรษะ จากการกระแทก การเจาะทะลุของของแข็ง อันตรายจากไฟฟ้าและสารเคมีเหลว อุปกรณ์ป้องกันศีรษะที่สำคัญ คือ หมวกนิรภัย (Safety Helmet/Safety Hat/Hard Hat)

ตัวอย่างมาตรฐานของหมวกนิรภัย

1. ANSI Z89.1 – 2003
2. EN 397 – 1995
3. มาตรฐานผลิตภัณฑ์อุตสาหกรรม มอก. 368 – 2554 แบ่งหมวกออกเป็น 3 ชนิด

1.5 การเลือกใช้และการดูแล PPE

GULF

อุปกรณ์ป้องกันศีรษะที่ใช้กันโดยทั่วไป แบ่งออกเป็น 4 ประเภท

1. หมวกนิรภัยชนิด CLASS G: ใช้ในงานก่อสร้าง งานทั่วไป โดยมากทำด้วยพลาสติก
2. หมวกนิรภัยชนิด CLASS E: ใช้ในงานกันไฟฟ้าแรงสูง ก่อสร้างทั่วไป โดยมากทำด้วยพลาสติก
3. หมวกนิรภัยชนิด CLASS C: ใช้ในงานขุดเจาะน้ำมัน โรงกลั่นน้ำมัน แก๊ส
4. หมวกนิรภัยชนิด CLASS D: ใช้ในงานดับเพลิง งานเหมือง โดยมากทำด้วยพลาสติกหรือ ไฟเบอร์กลาส





1.5 การเลือกใช้และการดูแล PPE

GULF



GULF

วิธีการใช้งานหมวกนิรภัย

- ก่อนใช้งานต้องตรวจสอบหมวกนิรภัย ได้มาตรฐานตามข้อกำหนดหรือไม่
- ตรวจสอบลักษณะทางกายภาพภายนอก
- เมื่อสวมใส่ต้องปรับสายรัดศีรษะและคางให้พอดีกับผู้ใช้งาน
- ทำการทดสอบความกระชับของหมวก โดยให้ก้มลงค่ากับตัวเอง ถ้าหมวกตกแสดงว่าไม่กระชับ ต้องทำการปรับสายรัดใหม่

การดูแลรักษาหมวกนิรภัย

- การทำความสะอาดทั้งตัวหมวกและอุปกรณ์ โดยใช้น้ำ น้ำสบู่ หรือน้ำยาเช่าเชื้อโรค อย่างน้อยสัปดาห์ละ 2 – 3 ครั้ง หรือทุกวัน โดยเฉพาะบริเวณแถบซับเหงื่อ
- ตรวจสอบการชำรุดของอุปกรณ์

GULF

2. กลุ่มอุปกรณ์ป้องกันอันตรายการจากเสียงดัง

ที่ครอบหูลดเสียง (Ear muffs)

- สามารถลดเสียงที่ความถี่สูงกว่า 400 เฮิร์ตได้ดี
- มีชนิดที่สวมศีรษะและชนิดติดกับอุปกรณ์อื่น เช่น หมวกนิรภัย
- ที่อุดหูจะช่วยลดเสียงดังได้ประมาณ 15 – 30 เดซิเบลเอ



ที่อุดหูลดเสียง (Ear plugs)

- เป็นชนิดที่สวมใส่เข้าไปในหู สามารถลดเสียงที่ความถี่ต่ำกว่า 400 เฮิร์ตได้ดี
- ทำด้วยวัสดุต่างๆ เช่น พลาสติก ยาง โฟม ซิลิโคน ฝ้าย
  - ลำดับธรรมดาลดได้ 8 เดซิเบลเอ
  - ใยแก้ว 20 เดซิเบลเอ
  - ยางซิลิคอน 15-30 เดซิเบลเอ
  - ยางอ่อน ยางแข็ง 18-25 เดซิเบลเอ



GULF

ข้อดีของที่ครอบหูลดเสียง	ข้อเสียของที่ครอบหูลดเสียง
ลดเสียงที่ความถี่สูงได้ดีกว่า	หนัก ขนาดใหญ่ พกพาไปลำบาก
สวมใส่ง่าย	ไม่เหมาะกับอากาศร้อน
ผู้ใช้ยอมรับได้ง่าย	ราคาแพง
ปรับให้เหมาะกับศีรษะทุกขนาด	อาจเป็นอุปสรรคเมื่อใส่ร่วมกับอุปกรณ์อื่นๆ
สามารถใช้กับคนงานที่เป็นโรคเกี่ยวกับหูได้	ไม่เหมาะกับการทำงานในที่คับแคบ

ข้อดีของที่อุดหูลดเสียง	ข้อเสียของที่อุดหูลดเสียง
ราคาถูก	หลุดง่าย หลนหายง่าย
ลดเสียงที่ความถี่ต่ำได้ดีกว่า	ใช้ไม่ได้หากผู้ป่วยมีแผล หรือมีการอักเสบ ติดเชื้อ
สวมใส่สบาย ไม่ร้อน	อาจเกิดการระคายเคืองหูฯ
ไม่เป็นอุปสรรคต่ออุปกรณ์อื่นบนศีรษะ	ผู้ใช้มีทักษะการใช้ในการใช้งาน
พกพาสะดวก เก็บง่ายประหยัดพื้นที่เก็บ	ต้องเปลี่ยนอันใหม่เป็นคู่
ใช้สะดวกกับที่คับแคบ เช่นในอุโมงค์	การใส่และถอดค่อนข้างยาก

GULF

วิธีการสวมใส่ที่อุดหูลดเสียง (Ear plugs)

1. ใช้มือข้างที่ถนัดดึงใบหูให้ช่องหูตรง
2. ใช้มือข้างที่ถนัดดึงใบหูให้ช่องหูตรง แล้วจึงใส่ที่อุดหู
3. ปล่อยมือเพื่อให้ที่อุดหูขยายตัว

วิธีการสวมใส่ที่ครอบหูลดเสียง (Ear muffs)

1. เก็บรวบผมให้เรียบร้อยไม่ให้ปิดบังบริเวณใบหู
2. ถางที่ครอบหูออกให้มีขนาดพอเหมาะกับศีรษะ
3. สวมที่ครอบหูและปรับให้พอดีกับใบหู

การบำรุงรักษาอุปกรณ์ป้องกันอันตรายจากเสียง

- ทำความสะอาดทุกครั้งหลังจากการใช้งาน โดยใช้น้ำสบู่เช็ดทำความสะอาด แล้วผึ่งแดด
- ตรวจสอบอุปกรณ์ ถ้ามีการชำรุดให้เปลี่ยนอุปกรณ์
- ถ้าเป็นที่อุดหูลดเสียงชนิดที่ทำด้วยโฟม หรือสำลี ควรใช้เพียงครั้งเดียวแล้วทิ้ง

GULF

3. กลุ่มอุปกรณ์ป้องกันใบหน้าและดวงตา

ใช้สำหรับป้องกันใบหน้าและดวงตาจากการกระทบกระแทกของของแข็ง การกระเด็นของสารเคมีหรือของเหลวอันตรายอื่นๆ อันตรายจากงานเชื่อมไลหะ ตัวอย่างของอุปกรณ์ชนิดนี้คือ

1. แว่นตานิรภัย (Safety Spectacles/Safety Glasses)
2. ครอบตานิรภัย (Goggles)
3. กระบังหน้า (Face Shields)
4. กระบังหน้าสำหรับงานเชื่อมไลหะ (Welding Shields)



GULF

การใช้งานอุปกรณ์ป้องกันอันตรายใบหน้าและดวงตา

- ควรเลือกให้เหมาะสมตามลักษณะการใช้งานหรืออันตรายที่อาจจะเกิดขึ้น
- ตรวจสอบสภาพโดยทั่วไป เช่น เลนส์ ขาแว่น สายรัด กรอบแว่น กระบังหน้า/กระบังข้าง ต้องอยู่ในสภาพที่ดี ไม่มีรอยร้าว รอยแตก หรือมีการพร่ามัวของเลนส์
- ขณะสวมใส่ต้องมีความกระชับ แน่น ไม่หลวมหรือหลุดขณะทำงาน
- ผู้ใช้งานที่มีปัญหาสายตาต้องสวมแว่น/คอนแทคเลนส์ก่อนใส่อุปกรณ์

การบำรุงรักษาอุปกรณ์ป้องกันอันตรายใบหน้าและดวงตา

- ทำความสะอาดทุกครั้งหลังจากการใช้งาน โดยใช้น้ำสบู่เช็ดทำความสะอาด แล้วผึ่งแดด
- ตรวจสอบอุปกรณ์ ถ้ามีการชำรุดให้เปลี่ยนอุปกรณ์

GULF

4. กลุ่มอุปกรณ์ป้องกันระบบหายใจ

ใช้สำหรับป้องกันไม่ให้สารอันตรายหรือสารพิษที่ปนเปื้อนในอากาศเข้าสู่ช่างกายทางระบบหายใจ ตัวอย่างของอุปกรณ์ชนิดนี้ คือ

1. หน้ากากกรองอากาศชนิดต่าง ๆ
2. ชุดส่งผ่านอากาศ (Airline Respirators)
3. อุปกรณ์ป้องกันระบบหายใจแบบมีถังอากาศพกพา (SCBA; Self Contained Breathing Apparatus)



GULF

การใช้งานอุปกรณ์ป้องกันอันตรายระบบทางเดินหายใจ

- ควรเลือกให้เหมาะสมตามลักษณะการใช้งานหรืออันตรายที่อาจจะเกิดขึ้น
- ตรวจสอบสภาพโดยทั่วไป เช่น ตัวหน้ากาก ตลับกรอง สายรัดศีรษะ ท่อส่งอากาศ สายส่งอากาศ
- หน้ากากชนิดกรองอากาศ ต้องมีการทดสอบความกระชับ โดยใช้ฝ่ามือปิดทางเข้าของอากาศให้สนิทแล้วหายใจเข้า ถ้าหน้ากากยุบหรือมุ้มเล็กน้อย หรือไม่สามารถหายใจได้ แสดงว่าไม่มีรอยรั่ว
- หน้ากากชนิดส่งอากาศจากภายนอกเข้าไป ควรตรวจสอบท่อส่งอากาศ และข้อต่อต่างๆ ผู้ใช้งานต้องผ่านการอบรมวิธีการใช้งานอย่างเคร่งครัด

การบำรุงรักษาอุปกรณ์ป้องกันอันตรายระบบทางเดินหายใจ

- ทำความสะอาดทุกครั้งหลังจากการใช้งาน โดยใช้น้ำสบู่เช็ดทำความสะอาด ใช้แปรงนิ่มๆ ขัดเบาๆ แล้วผึ่งแดด
- ตรวจสอบอุปกรณ์ ถ้ามีการชำรุดให้เปลี่ยนอุปกรณ์

GULF

5. กลุ่มอุปกรณ์ปกป้องลำตัว

ใช้สำหรับป้องกันอันตรายที่อาจเกิดขึ้นกับลำตัวจากการกระเด็นของสารเคมีอันตราย โลหะหลอมเหลว การสัมผัสอุณหภูมิที่ร้อนจัดหรือเย็นจัด รวมถึงไฟไหม้ การกระแทกกับวัตถุแข็งต่าง ๆ ตัวอย่างของอุปกรณ์ชนิดนี้ คือ

1. ชุดป้องกันสารเคมี
2. ชุดป้องกันความร้อน
3. แผ่นคาดลำตัว หรือเอี๊ยมทำจากวัสดุชนิดต่าง ๆ



1.5 การเลือกใช้และการดูแล PPE

GULF

การบำรุงรักษาอุปกรณ์ป้องกันอันตรายจากลำตัว

- ทำความสะอาดทุกครั้งหลังเลิกใช้งาน
- การเช็ด ล้าง ทำความสะอาดนั้น ให้ทำตามคำแนะนำของบริษัทผู้ผลิต เช่น ชุดป้องกันการติดไฟ เมื่อทำการซักล้าง จะทำให้สารป้องกันการติดไฟ ของใยค้นสื่อมสภาพลงไป
- เก็บในบริเวณที่เหมาะสม เช่น อุณหภูมิพอเหมาะ ปราศจากฝุ่น และสารเคมีรบกวน

1.5 การเลือกใช้และการดูแล PPE

GULF

6. กลุ่มอุปกรณ์ปกป้องแขนและมือ

ใช้สำหรับป้องกันอันตรายที่อาจเกิดขึ้นกับมือและแขน จากสารเคมี วัตถุมีคมอุณหภูมิร้อนและเย็น ไฟฟ้า เชื้อโรค สิ่งสกปรกต่าง ๆ ตัวอย่างของอุปกรณ์ชนิดนี้ คือ

1. ถุงมือชนิดต่างๆ
2. ปลอกแขนและปลอกนิ้ว



1.5 การเลือกใช้และการดูแล PPE

GULF

- **การใช้งานอุปกรณ์ป้องกันอันตรายที่มือและผิวหนัง**
  - ควรเลือกอุปกรณ์ที่เหมาะสมกับลักษณะงานหรืออันตรายที่อาจจะเกิดขึ้นจากการทำงาน
  - อ่านคู่มือและปฏิบัติตามอย่างเคร่งครัด และตรวจสอบสภาพโดยทั่วไป ต้องอยู่ในสภาพดี ไม่ฉีกขาด แตก หรือสกปรก
  - วิธีทดสอบความสามารถในการซึมผ่านถุงมือ โดยการกลับถุงมือให้ด้านนอกให้อยู่ด้านใน แล้วทสารเคมีลงไป ทิ้งไว้ 10 – 15 นาที ถ้าสารเคมีซึมผ่านได้ แสดงว่าถุงมือไม่เหมาะสมกับสารเคมีนั้น
- **การบำรุงรักษาอุปกรณ์ป้องกันอันตรายที่มือและผิวหนัง**
  - ทำความสะอาดทุกครั้งหลังจากการใช้งาน โดยใช้น้ำสบู่ หรือน้ำเปล่า หรือตามวิธีการตามที่ผู้ผลิตแนะนำ ผึ่งลมให้แห้ง และเก็บในที่สะอาด
  - ถ้าอุปกรณ์ชำรุดให้เปลี่ยนอุปกรณ์ใหม่

1.5 การเลือกใช้และการดูแล PPE

GULF

7. กลุ่มอุปกรณ์ปกป้องขาและเท้า

ใช้สำหรับป้องกันอันตรายที่อาจเกิดขึ้นกับขาและเท้าจากการกระแทก ทับหรือหนีบโดยวัตถุแข็ง การหกใส่ของสารเคมี การสัมผัสกับกระแสไฟฟ้า ตัวอย่างของอุปกรณ์ชนิดนี้ คือ

1. รองเท้านิรภัย (Safety Shoes)
2. รองเท้ายาง
3. รองเท้าพลาสติก



1.5 การเลือกใช้และการดูแล PPE

GULF

- **การใช้งานและการบำรุงรักษาอุปกรณ์ป้องกันอันตรายของเท้า**
  - การใช้งานสามารถเลือกใช้ได้ในการปฏิบัติงานทุกงานที่อาจมีอันตรายเกิดขึ้นกับเท้าของผู้ปฏิบัติ เช่นงานก่อสร้าง งานที่อาจมีอุบัติเหตุเกี่ยวกับวัสดุหล่นทับ การบาด การทะลุผ่าน งานที่วัสดุทิ่มแทง สารเคมี รวมถึงอันตรายจากกระแสไฟฟ้า และควรสวมใส่ตลอดการทำงาน
  - การบำรุงรักษาต้องทำความสะอาดด้านนอกด้วยน้ำธรรมดา/สบู่ เช็ดให้แห้งแล้ววางให้แห้ง หรือผึ่งแดดก็ได้ ควรทำความสะอาดอย่างน้อยทุกสัปดาห์

1.5 การเลือกใช้และการดูแล PPE

GULF

8.กลุ่มอุปกรณ์ปกป้องการตก

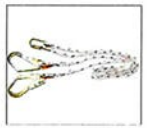
ใช้สำหรับป้องกันไม่ให้คนทำงานในที่สูงตกลงสู่เบื้องล่าง ตัวอย่างของอุปกรณ์ชนิดนี้ คือ

1. เข็มขัดนิรภัย (Safety Belt)
2. สายรัดตัวนิรภัย(Safety Harness)
3. เชือกนิรภัย (Lanyards)
4. สายช่วยชีวิต (Lifelines)









1.5 การเลือกใช้และการดูแล PPE

GULF

- **วิธีการใช้งานเข็มขัดนิรภัยและอุปกรณ์**
  - เมื่อทำงานที่มีความสูงตั้งแต่ 4 เมตรขึ้นไป ต้องจัดให้มีการใช้เข็มขัดนิรภัยและชุดอุปกรณ์ที่สามารถรับน้ำหนักของผู้ปฏิบัติงาน
  - ต้องมีการตรวจสอบอุปกรณ์ ให้มีลักษณะพร้อมใช้งาน จะต้องไม่มีการแตกร้าว ความเสียหายจากการไหม้ไฟ บิดเบี้ยว ผิดรูป เปื่อย ฉีกขาด เป็นต้น
  - ห้ามผูกยึดหรือเกี่ยวกับระบบป้องกันการตกส่วนบุคคลกับสิ่งต่อไปนี้
    - เสาค้ำยันแนวทแยงมุม
    - เสาค้ำยันแนวดิ่ง
    - ท่อสาธารณูปโภค เช่น ท่อลม ท่อน้ำ ท่อแก๊ส
    - ระบบป้องกันอัคคีภัย
    - รางไฟ สายไฟ ตลับไฟ ท่อสายไฟ
    - วาล์วทุกชนิด
    - โครงแร้งที่ไม่แข็งแรง

1.5 การเลือกใช้และการดูแล PPE

GULF

ลักษณะการยึดเกี่ยวของตะขอที่ไม่ถูกต้อง



1.5 การเลือกใช้และการดูแล PPE

GULF

9.กลุ่มอุปกรณ์ป้องกันเฉพาะงาน

- เสื้อชูชีพ (Life Jackets, Work Vest)
- อุปกรณ์ดำน้ำ อุปกรณ์ช่วยชีวิตและอุปกรณ์ทางการแพทย์
- ชุดกันไฟสำหรับพนักงานดูดเพลิง (เสื้อกันไฟ ชุดกันไฟ รองเท้าบูทกันไฟ และอื่นๆ)







1.5 การเลือกใช้และการดูแล PPE

GULF

การจูงใจให้ผู้ปฏิบัติงานใช้อุปกรณ์ PPE

1. อบรมผู้ปฏิบัติงานให้เข้าใจอันตรายและความสำคัญในการใช้งาน และวิธีการใช้งานที่ถูกต้อง
2. จัดอุปกรณ์ให้เพียงพอกับการใช้งานและเหมาะสมกับอันตรายที่อาจได้รับ
3. มีระบบจัดเก็บและบำรุงรักษาที่ดี เพื่อยืดอายุการใช้งานของอุปกรณ์ PPE
4. มีอะไหล่เปลี่ยนให้ใหม่ตามอายุการใช้งานหรือเมื่อเกิดความเสียหาย
5. จัดให้มีแผ่นป้ายเตือน เพื่อให้ผู้ปฏิบัติงานทราบถึงพื้นที่ปฏิบัติงานนี้มีอันตรายอะไร
6. ยกย่องชมเชยผู้ปฏิบัติถูกต้อง และในรายที่ปฏิบัติไม่ถูกต้อง เช่น ไม่สวมอุปกรณ์ PPE ต้องตักเตือนทันที
7. ผู้บังคับบัญชาทุกระดับต้องเป็นแบบอย่างที่ดีในการใช้อุปกรณ์ PPE

GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

1.4 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

>> รูปแบบของเครื่องหมายเพื่อความปลอดภัยและสีที่ใช้แบ่งเป็น 5 ประเภทตามชุดประสงค์ของการแสดงความหมาย ดังนี้

รูปแบบของเครื่องหมาย	ความหมาย	สีพื้นของเครื่องหมายปลอดภัย	สัญลักษณ์	สีของสัญลักษณ์ภาพ
ทรงกลมแถบขวางทรงกลม	ห้าม	สีแดง (red)	สีขาว (white)	สีดำ (black)
วงกลม	บังคับให้ปฏิบัติ	สีน้ำเงิน (blue)	สีขาว	สีขาว

1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

รูปแบบของเครื่องหมาย	ความหมาย	สีพื้นของเครื่องหมายปลอดภัย	สัญลักษณ์	สีของสัญลักษณ์ภาพ
สามเหลี่ยมมีขอบดำ	เตือน	สีเหลือง (yellow)	สีดำ	สีดำ
สี่เหลี่ยมผืนผ้า	ข้อมูลทั่วไป	สีเขียว	สีขาว	สีขาว
สี่เหลี่ยมผืนผ้า	อุปกรณ์ที่เกี่ยวข้องกับการดับเพลิง	สีแดง	สีขาว	สีขาว

1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

ป้ายแสดงสภาวะการห้าม



1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

ป้ายแสดงสภาวะบังคับ



1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

ป้ายแสดงสภาวะเตือนอันตราย



1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

ป้ายแสดงสภาวะปลอดภัย



1.6 เครื่องหมายและสัญลักษณ์เพื่อความปลอดภัย

GULF

วัสดุที่ใช้ในการปิดกั้น

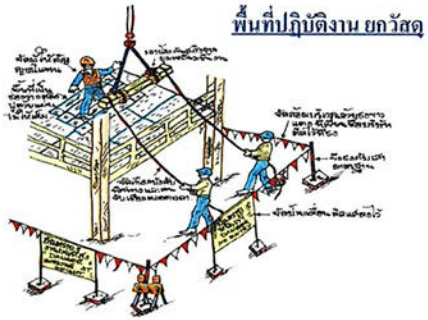


1. แถบขาว-แดง หรือธงขาว-แดง
2. เสาเหล็ก หรือโครงเหล็กรูปตัวเอ
3. ป้ายเตือนภัยต่างๆ



1.6 เครื่องหมายและสัญญลักษณ์เพื่อความปลอดภัย

GULF



2. กฎหมายความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

ปลอดภัยไว้ก่อน SAFETY FIRST

GULF

2.1 พระราชบัญญัติ ความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. 2554

2.2 กฎกระทรวง กำหนดมาตรฐานเกี่ยวกับระบบการจัดการด้านความปลอดภัย พ.ศ. 2565

ปลอดภัยไว้ก่อน SAFETY FIRST

GULF

2.1 พระราชบัญญัติ ความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. 2554

2.1 พระราชบัญญัติความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน 2554

GULF

เหตุผลในการประกาศใช้พระราชบัญญัติฉบับนี้ คือ

เนื่องจากในปัจจุบันมีการนำเทคโนโลยี เครื่องมือ เครื่องจักร อุปกรณ์ สารเคมี และสารเคมีอันตรายมาใช้ในกระบวนการผลิต การก่อสร้าง และบริการแต่ขาดการพัฒนาความรู้ความเข้าใจควบคู่กันไป ทำให้ส่งผลกระทบต่อผู้ใช้แรงงานในด้านความปลอดภัยอาชีวอนามัย สภาพแวดล้อมในการทำงาน และก่อให้เกิดอันตรายจากการทำงาน จนถึงแก่บาดเจ็บ พิการ ทุพพลภาพ เสียชีวิต หรือเกิดโรคอันเนื่องจากการทำงานซึ่งมีแนวโน้มสูงขึ้นและทวีความรุนแรงขึ้นด้วย

พระราชบัญญัติความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน พ.ศ. 2554 ฉบับนี้ จะก่อให้เกิดมาตรฐานด้านความปลอดภัยฯ ในการทำงานของประเทศไทยเข้าสู่ระบบมาตรฐานสากล

2.1 พระราชบัญญัติความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน 2554

GULF

หน้าที่ของนายจ้าง ตาม พรบ. ความปลอดภัยฯ ปี 2554

ม.8 นายจ้างต้องบริหารจัดการตามมาตรฐานและลูกจ้างต้องปฏิบัติ
(จำคุก<1 ปี ปรับ 4 แสนบาท)

ม.14 แจ้งลูกจ้างถึงจุดเสี่ยงใหม่และเปลี่ยนจุดงานใหม่
(ปรับ<50,000บาท)

ม.16 จัดให้มีการอบรมผู้บริหาร หัวหน้างานและลูกจ้างทุกคน
(จำคุก< 6 เดือน ปรับ< 2 แสนบาท)

ม.17 ติดประกาศป้ายเตือนอันตรายและข้อความแสดงสิทธิของนายจ้างและลูกจ้าง
(จำคุก< 3 เดือน , ปรับ100,000 บาท)

ม.18 หลายสถานที่ หลายผู้รับเหมาให้ใช้แบบเดียวกัน
(จำคุก<1 ปี , ปรับ<400,000 บาท)

ม.21 ให้ลูกจ้างแจ้งหัวหน้าและผู้บริหารตามจุดเสี่ยงและต้องแก้ไข

2.1 พระราชบัญญัติความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน 2554

GULF

หน้าที่ของนายจ้าง ตาม พรบ. ความปลอดภัยฯ ปี 2554

ม.22 จัดอุปกรณ์ PPE และลูกจ้างต้องใส่
(จำคุก< 3 เดือน , ปรับ< 100,000 บาท)

ม.32 ให้นายจ้างมีการประเมินอันตรายที่อาจผลกระทบและจัดทำแผนและต้องรับรองจากผู้ชำนาญการ (จำคุก< 6 เดือน ปรับ< 200,000 บาท

ม.35-37 พนักงานตรวจความปลอดภัยและการเข้าตรวจโรงงานและแก้ไข
(จำคุก< 6 เดือน ปรับ< 200,000 บาท)

ม.38 ยึดขายทอดตลาดถ้าแก้ไขแล้วไม่จ่ายตาม ม 37

ม.42 ห้ามเลิกจ้างลูกจ้าง ถ้าให้ข้อมูล
(จำคุก < 6 เดือน , ปรับ <200,000 บาท)

ม.44-51 กองทุนความปลอดภัย

ม.70 เปิดเผยข้อเท็จจริงของนายจ้างที่ไม่สมควร
(จำคุก< 1 เดือน , ปรับ< 40,000บาท)

2.1 พระราชบัญญัติความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน 2554

GULF

หน้าที่ของลูกจ้าง ตาม พรบ. ความปลอดภัยฯ ปี 2554

ม. 18 ลูกจ้างต้องปฏิบัติตามหลักเกณฑ์เกี่ยวกับความปลอดภัยฯ
(จำคุกไม่เกิน 3 เดือน หรือปรับไม่เกิน 100,000 บาท หรือทั้งจำทั้งปรับ)

ม. 21 ดูแลสภาพแวดล้อมในการทำงานตามมาตรฐานที่กำหนดในกฎกระทรวง เพื่อให้เกิดความปลอดภัยต่อชีวิต ร่างกาย จิตใจ และสุขภาพอนามัยโดยคำนึงถึงสภาพของงานและพื้นที่ที่รับผิดชอบ

ม. 22 สวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลและดูแลรักษาอุปกรณ์ให้สามารถใช้งานได้ตามสภาพและลักษณะของงานตลอดระยะเวลาทำงาน
(จำคุกไม่เกิน 3 เดือน หรือปรับไม่เกิน 100,000 บาท หรือทั้งจำทั้งปรับ)

2.1 พระราชบัญญัติความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน 2554

GULF

หน้าที่ของหัวหน้างาน ตาม พรบ. ความปลอดภัยฯ ปี 2554

ม. 20 สนับสนุนและร่วมมือกับนายจ้างและบุคลากรอื่น เพื่อปฏิบัติการให้เป็นไปตามมาตรา 8 มาตรา 16 มาตรา 18 และมาตรา 22

ม. 21 คำนึงการป้องกันอันตรายจากข้อบกพร่องหรือการชำรุดเสียหายที่ทราบภายในขอบเขตที่รับผิดชอบหรือที่ได้รับมอบหมายทันทีที่ทราบกรณีไม่อาจดำเนินการได้ ให้แจ้งผู้บริหารหรือนายจ้างดำเนินการแก้ไขโดยไม่ชักช้า

ม. 64 อำนวยความสะดวกในการปฏิบัติหน้าที่ของพนักงานตรวจความปลอดภัยตามมาตรา 35 หรือมาตรา 36 วรรคสอง
(จำคุกไม่เกิน 6 เดือน หรือปรับไม่เกิน 200,000 บาท หรือทั้งจำทั้งปรับ)

2.2 กฎกระทรวง กำหนดมาตรฐานเกี่ยวกับระบบการจัดการด้านความปลอดภัย พ.ศ. 2565

2.2 กฎกระทรวงกำหนดมาตรฐานในการบริหารและการจัดการ ด้านความปลอดภัยฯ 2549

(Highlight)

- ให้มีข้อบังคับและคู่มือว่าด้วยความปลอดภัยสำหรับพนักงาน / ผู้รับเหมา
- ต้องอบรมให้มีความรู้ตามคู่มือและข้อบังคับก่อนลงมือปฏิบัติงาน
- กำหนดให้มีเจ้าหน้าที่ความปลอดภัยระดับหัวหน้างาน ระดับเทคนิค ระดับเทคนิคชั้นสูง ระดับวิชาชีพ ระดับบริหาร
- กำหนดให้มีคณะกรรมการความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน(SHE-COM) มีลูกจ้างตั้งแต่ 50 คนขึ้นไป
- กำหนดให้มีหน่วยงานความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน

2.2 กฎกระทรวงกำหนดมาตรฐานในการบริหารและการจัดการ ด้านความปลอดภัยฯ 2549

บทบาทหน้าที่ จป.แต่ละระดับ

จป. ระดับหัวหน้างาน

- วิเคราะห์งานเพื่อค้นหาความเสี่ยงหรือสิ่งเหลายหมึ่งลักษณะ/ตรวจสอบ คปอ.ก่อนเริ่มงานทุกวัน
- สอนงาน/ควบคุมการทำงานของลูกน้องให้ทำงานด้วยความปลอดภัย

จป. ระดับวิชาชีพ

- เสนอแนะการปฏิบัติตามกฎหมายและมาตรฐานด้านความปลอดภัย
- ประเมินความเสี่ยง/ตรวจให้ความรู้/จัดทำรายงาน/วิเคราะห์การประสานเตือนตราย/รวบรวมสถิติ

จป. ระดับบริหาร

- สั่งการ ดูแล จป. ทุกระดับ
- เสนอแผนงานโครงการด้านความปลอดภัย สนับสนุนส่งเสริมกิจกรรมหรือโครงการด้านความปลอดภัย

---

3. ระเบียบปฏิบัติและข้อบังคับว่าด้วยความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน

3.1 ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ
3.2 ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้า
3.3 ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี
3.4 ความปลอดภัยในการปฏิบัติงานบนที่สูง
3.5 ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ
3.6 ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายและจัดเก็บวัสดุ
3.7 ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์
3.8 ระบบขออนุญาตทำงาน (Permit to work)
3.9 แผนควบคุมภาวะฉุกเฉิน
3.10 กฎระเบียบด้านความปลอดภัยฯ

3.1 ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

---

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

กฎกระทรวงกำหนดมาตรฐานในการบริหารจัดการด้านความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน เกี่ยวกับเครื่องจักร ปั้นจั่นและหม้อน้ำ 2552

"เครื่องจักร" หมายความว่า สิ่งที่ประกอบด้วยชิ้นส่วนหลายชิ้นและมีการเปลี่ยนหรือแปลงพลังงานหรือกำลังงาน ทั้งนี้ ด้วยกำลังคน ไอน้ำ เชื้อเพลิง คน ก๊าซ ไฟฟ้า หรือพลังงานอื่น และหมายความรวมถึงเครื่องอุปกรณ์ ล้อดุนกำลัง รถ สายพาน เพลา เฟือง หรือสิ่งอื่นที่ทำงานสัมพันธ์กัน รวมทั้งเครื่องมือกล




---

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

1.1 ความปลอดภัยในการทำงานกับเครื่องจักร

อันตรายจากเครื่องจักร



---

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

ข้อปฏิบัติทั่วไป เพื่อความปลอดภัยในการทำงานกับเครื่องจักร

- พนักงานต้อง แต่งกายให้เรียบร้อย รัดกุม โดยสวมเสื้อแขนยาวเข้าในพื้นที่ควบคุม
- พนักงานห้ามสวมใส่เครื่องประดับที่อาจเกี่ยวโยงกับสิ่งหนึ่งสิ่งใดได้
- พนักงานต้องรวบผมที่ปล่อยยาวเกินสมควร เพื่อป้องกันการถูกดึงจากเครื่องจักร
- นายช่างต้องจัดทำรั้ว คอกกั้น หรือเส้นแสดงเขตอันตราย ณ บริเวณที่ตั้งของเครื่องจักร ให้ลูกช้างเห็นได้ชัดเจน
- พนักงานซึ่งไม่เกี่ยวข้องห้ามเข้าไปในบริเวณดังกล่าว
- เครื่องจักรที่มีการถ่ายทอดพลังงานโดยใช้เพลา สายพาน รอก เครื่องอุปกรณ์ ล้อดุนกำลัง ต้องมีคะแกรงหรือที่ครอบปิดคลุมส่วนที่หมุนได้และส่วนส่งถ่ายกำลังให้มิดชิด เพื่อป้องกันการถูกหนีบ ดึง เฉือน กระแทก ทับ จนเกิดอันตราย

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF



1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

ข้อปฏิบัติทั่วไป เพื่อความปลอดภัยในการทำงานกับเครื่องจักร

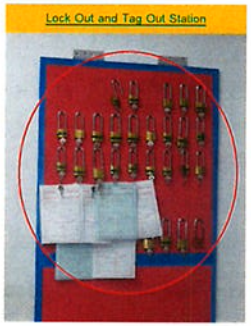
- การซ่อมเครื่องจักรต้องหยุดเครื่องจักรและต้องทำการ Lock Out & Tag Out ป้องกันมิให้เครื่องจักรทำงานขณะซ่อม
- เครื่องจักรที่ใช้พลังงานไฟฟ้าต้องมีระบบหรือวิธีการป้องกันกระแสไฟฟ้ารั่วเข้าตัวบุคคลที่เกี่ยวข้องหรือเครื่องจักรและต้องต่อสายดิน
- ต้องตรวจสอบเครื่องจักรให้อยู่ในสภาพใช้การได้ดีและปลอดภัย
- ต้องสวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลตามลักษณะงาน



ต้องสวมใส่ PPE ตามลักษณะงานทุกครั้งที่ปฏิบัติงาน

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF





Lock Out and Tag Out ทุกครั้ง เพื่อป้องกันมิให้เครื่องจักรทำงานขณะซ่อม

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

1.2 ความปลอดภัยในการทำงานกับปั้นจั่น

ข้อควรรู้ในการปฏิบัติงานกับปั้นจั่น

- รู้น้ำหนักของที่จะยกและไม่ยกเกินน้ำหนักที่ปั้นจั่นสามารถยกได้ในระยะนั้น
- รู้รัศมีการยกและย้ายของ ให้ดูตำแหน่งที่ห่างจากตัวปั้นจั่นมากที่สุดในการประเมินความสามารถของปั้นจั่น
- ใช้รัศมีของแขนในตำแหน่งที่ใกล้ตัวปั้นจั่นที่สุด
- ต้องทราบและปฏิบัติตามแผนภาพความสามารถในการยกของปั้นจั่น (Lifting Capacity or Load Chart)
- ห้ามการวิ่ง หรือหยุดการยกแบบทันทีทันใด หรือขับแบบกระชาก
- การยกของต้องยกขึ้นในแนวดิ่ง ให้รอกตะขอตรงกับศูนย์กลางของน้ำหนักที่ยก และตรงกับกลางแขนของปั้นจั่น
- ปรับให้ปั้นจั่นมีเสถียรภาพมากที่สุดและได้ดิ่ง

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

ข้อปฏิบัติทั่วไป เพื่อความปลอดภัยในการทำงานกับปั้นจั่น

- ให้มีการทดสอบส่วนประกอบและอุปกรณ์ของปั้นจั่นเปิดไม่น้อยกว่า 1 ครั้ง (ตามน้ำหนักของปั้นจั่น)
- ให้ผู้บังคับปั้นจั่น ผู้ให้สัญญาณ ผู้ยึดเกาะวัสดุ หรือผู้ควบคุมการใช้ปั้นจั่น ต้องผ่านการอบรมและทดสอบทุก 2 ปี
- จัดทำเส้นแสดงเขตอันตราย เครื่องหมายแสดงเขตอันตราย หรือเครื่องกั้นเขตอันตราย ในเส้นทางที่มีการใช้ปั้นจั่นเคลื่อนย้ายสิ่งของ
- ห้ามเดินผ่านปั้นจั่นขณะทำการยก

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

Accident From Crane





เครนก่อสร้างคอนโดฯ พระราม3 พังถล่ม ถามหาก่อสร้างดับ 4 ราย บาดเจ็บ 5 ราย เกิดเหตุการณ์ เมื่อ 23 ม.ค. 62 เมื่อเวลา 12.15 น. ส่วนสาเหตุที่เครนพังถล่มลงมา ทางวิศวกรได้ตั้งข้อสังเกตจากการติดตั้งและทดสอบระดับความสูงของเครนมีการเกิดอุบัติเหตุ ทำให้เครนส่วนที่ต่อเติมหักลงมา

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

1.3 ความปลอดภัยในการทำงานกับหม้อไอน้ำ

"หม้อน้ำ" หมายความว่า ภาชนะปิดที่ผลิตน้ำร้อนหรือไอน้ำที่มีความดันสูงกว่าบรรยากาศ โดยใช้ความร้อนจากการเผาไหม้ของเชื้อเพลิง หรือความร้อนจากพลังงานอื่น

อันตรายของหม้อน้ำ >> ระเบิด !!!





1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF

กรณีการเกิดอุบัติเหตุหม้อน้ำระเบิด : โรงงานฟอกย้อมกิ่งกัลป์

ข้อมูลทั่วไป

- ตั้งอยู่ที่ถนนเทพารักษ์ อ.บางพลี จ.สมุทรปราการ
- ระเบิดวันที่ 7 ก.พ. 46
- เสียชีวิต 5 บาดเจ็บ 12







1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

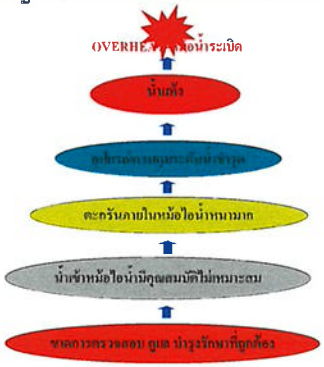
GULF

สาเหตุการเกิดอุบัติเหตุ

- เกิดจาก OVER HEAT ที่ส่วนล่างของท่อไฟใหญ่
  - มีตะกรันจับหนาที่ท่อไฟใหญ่หนาไม่ต่ำกว่า 2 นิ้ว
  - มีโคลนตะกอนสะสมอยู่ได้ท่อไฟใหญ่มาก
  - เหล็กที่สร้างหม้อไอน้ำเป็นเหล็กคุณภาพต่ำ ทนอุณหภูมิได้ต่ำ
- เกิดจาก OVER PRESSURE เนื่องจาก
  - ท่อไฟใหญ่มีการกร่อนพรุนเป็นหลุมลึกและบางมาก
  - การออกแบบและการสร้างหม้อไอน้ำไม่เป็นไปตามมาตรฐาน โดยท่อไฟใหญ่มี O โต 44 นิ้ว แต่ไม่มีวงแหวนรัด

1. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับเครื่องจักร ปั้นจั่น หม้อน้ำ

GULF



GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

3.2

ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF

2.1 การทำงานเกี่ยวกับอุปกรณ์ไฟฟ้า

การป้องกันอันตรายจากอุปกรณ์ไฟฟ้า

1. อุปกรณ์ไฟฟ้าทุกชนิด ที่จะนำมาใช้ในเขตโรงไฟฟ้า จะต้องได้รับการตรวจสอบสภาพให้พร้อมใช้งานทุกครั้งก่อนเริ่มปฏิบัติงาน
2. อุปกรณ์ที่ใช้ในการทำงานทุกชิ้น จะต้องกรอกในแบบฟอร์มรายการอุปกรณ์พร้อมแนบมากับใบอนุญาตการทำงาน (Work Permit)
3. กรณีที่ต้องเพิ่มเติมอุปกรณ์ จะต้องติดต่อเจ้าของงาน เพื่อทำการตรวจสอบก่อนนำมาใช้งานทุกครั้ง
4. เครื่องมือที่ใช้ไฟฟ้า ต้องต่อผ่านอุปกรณ์ตัดไฟอัติโนมัติ (Safe-T-Cut)
5. ไม่อนุญาตให้ปฏิบัติงานหากยังมิได้มีการขอใบอนุญาตทำ work permit โดยเด็ดขาด
6. ต้องมีการตัดแยกระบบไฟฟ้าทุกครั้งก่อนเริ่มปฏิบัติงานเกี่ยวกับไฟฟ้า โดยใช้ระบบ Log out Tag out
7. สวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลชนิดป้องกันไฟฟ้าที่เหมาะสม
8. อุปกรณ์ไฟฟ้าทุกชนิด จะต้องไม่มีการปรับปรุง หรือเปลี่ยนแปลงให้ผิดไปจากมาตรฐานการผลิต
9. ห้ามทำงานในที่มีน้ำขัง หรือ ทำงานกลางฝน
10. การวางอุปกรณ์ไฟฟ้า เช่น สายไฟ จะต้องวางให้เรียบร้อย ต้องไม่ถูกกดทับ หรือ เหยียบ จนทำให้เกิดการชำรุดเสียหาย

2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF

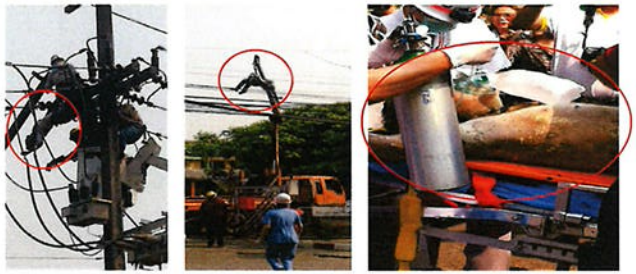
ภาพตัวอย่างอุปกรณ์ไฟฟ้าที่ชำรุดใช้



2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF

อุบัติเหตุจากไฟฟ้าแรงสูง



2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF



2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF

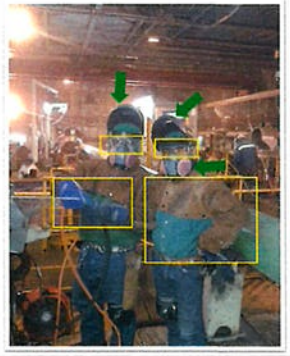
2.2 การทำงานที่ก่อให้เกิดประกายไฟ

การป้องกันอันตรายจากการทำงานที่ก่อให้เกิดประกายไฟ

1. อุปกรณ์ที่นำมาปฏิบัติงานต้องผ่านการตรวจสอบความปลอดภัยทุกครั้ง
2. จัดจัดพนักงานเฝ้าระวังไฟ เพื่อทำหน้าที่เฝ้าไฟ หรือสะเก็ดให้ครอบคลุมทั่วบริเวณการทำงาน
3. ต้องจัดเตรียมถังดับเพลิงมาด้วยทุกครั้งที่ปฏิบัติงานที่ก่อให้เกิดประกายไฟและต้องอยู่ในสภาพใช้งานได้ ห้าม ใช้ถังดับเพลิงในพื้นที่โดยเด็ดขาด!!!
4. ต้องจัดเตรียมผ้ากันไฟ พร้อมฉากรอง เพื่อใช้ในการรองรับสะเก็ดไฟ จากการเชื่อม
5. ต้องยึดหางปลาของตู้เชื่อมให้แน่น สายไม่เปื่อยหรือขาด

2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF



PPE สำหรับงานเชื่อม

1.กระบังหน้ากดแสงเพื่อกันแสงจ้าจากการเชื่อม
2.แว่นตาป้องกันสะเก็ดงานเชื่อมเข้าตา
3.หน้ากากกรองป้องกันฝุ่น ฟูมจากการเชื่อมเข้าสู่ระบบทางเดินหายใจ
4.เอี๊ยมและปลอกแขนงานเชื่อม ป้องกันสะเก็ดไฟ
5.ถุงมืองานเชื่อม ป้องกันสะเก็ดไฟ ป้องกันไฟดูด
6.รองเท้างานเชื่อม ป้องกันสะเก็ดไฟและป้องกันไฟดูด

2. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับไฟฟ้าและงานที่ก่อให้เกิดประกายไฟ

GULF

กรณีงานเชื่อมด้วยไฟฟ้า

ตู้เชื่อมไฟฟ้าจะต้องได้มาตรฐานมีสติ๊กเกอร์ติดที่อุปกรณ์แสดงว่าผ่านการตรวจสอบแล้ว

>>สายไฟ ปลั๊กไฟ เครื่องตัดไบเซียร์อุปกรณ์ไฟฟ้าทุกอย่างที่นำมาใช้งานจะต้องอยู่ในสภาพที่ดี ผ่านการตรวจสอบเช่นกัน

>>พื้นที่การติดตั้งอุปกรณ์เครื่องมือต้องไม่กีดขวางทางเดิน ไม่อยู่ในจุดที่มีละอองน้ำ มีความชื้นหรือมีน้ำขัง

>>กำหนดการเดินสายไฟให้อย่างปลอดภัยไม่ปิดกั้นทางเดินหรือเป็นอุปสรรคต่อการทำงาน

>> เครื่องตัดไบเซียร์ จะต้องมีการ์ดครอบที่ใบตัดเพื่อป้องกันอันตรายกรณีใบตัดแตก

การเกิดความดันในถังแก๊ส ด้วยแก๊ส

>> ต้องติดตั้งถังแก๊สแรงดันอยู่ในจุดที่มั่นคง หรืออยู่ในรถเข็นมีเชือก ไซ่คล้องผูกรัดป้องกันการล้มกระแทก

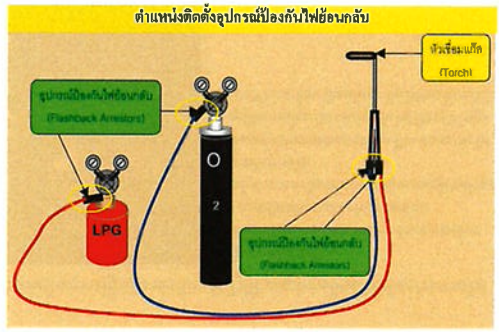
>> ก่อนการเบิกถังแก๊สแรงดันทุกครั้งจะต้องได้รับการตรวจสอบว่ามีการทดสอบสภาพถัง (Hydro test) แล้วไม่เกิน 5 ปี ถังไม่บุบเบี้ยว เป็นสนิม

>> ในชุดตัดที่ประกอบด้วยถังแก๊สออกซิเจน และถังแก๊สเชื้อเพลิงจะต้องมีการติดตั้งวาล์วกันไฟย้อนกลับให้ครบ

>> ข้อต่อสายแก๊สกับถังจะต้องมีสายรัดหรือแคล้มป์ป้องกันการหลุดแล้วเกิดการฟุ้งกระจายของแก๊ส

>> Pressure guage ทั้งของถังแก๊สออกซิเจน ถังแก๊ส LPG หรือถังอาร์กอนจะต้องอยู่ในสภาพดีไม่แตกจนไม่สามารถอ่านค่าแรงดันได้

ตำแหน่งติดตั้งอุปกรณ์ป้องกันไฟย้อนกลับ



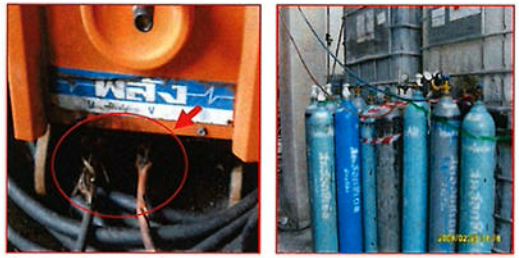
ภาพตัวอย่าง



ภาพตัวอย่างการตั้งถังแก๊ส



ภาพตัวอย่างการตั้งถังแก๊สที่ผิด





Case Study



สายไฟ,อุปกรณ์ไฟฟ้าชำรุดแล้วนำมาใช้งาน

ขณะพนักงานจะเก็บสายไฟโดยไม่มีการถอดปลั๊ก มือได้ไปสัมผัสกับจุดที่สายไฟชำรุดพอดี ทำให้ถูกไฟดูดเสียชีวิตคาที่

ภาพตัวอย่างอุบัติเหตุ



ภรรยาเจ้าของกู่และลูกกำลังที่นำรถมาซ่อมเสียชีวิต

เศษชิ้นเนื้อของผู้เสียชีวิตที่ถูกแรงระเบิดของถังออกซิเจนตัดขาดและกระเด็นไปค้างบนโครงเหล็กของหลังคา

GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

3.3

ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

สารเคมีอันตราย

คือ สารที่มีสมบัติทางเคมีหรือกายภาพ ที่ทำให้เกิดอันตรายต่อมนุษย์ ทรัพย์สินหรือ สภาพแวดล้อม ภายใต้เงื่อนไขหรือสภาวะการณ์ที่เหมาะสมสำหรับสารนั้นๆ





ประเภทของสารเคมีอันตราย แบ่งได้ 9 ประเภท ดังนี้

1. วัตถุระเบิด(Explosives)



หมายถึง วัตถุที่ ระเบิดได้เมื่อถูกกระแทก เสียดสี หรือความร้อน ตัวอย่างเช่น TNT ดินปืน พลุไฟ ดอกไม้ไฟ

ตัวอย่างสารเคมีประเภทดังกล่าวที่มีใช้ในบริษัท เช่น กินเนอร์ตัวอย่างสารเคมีประเภทดังกล่าวที่มีใช้ในบริษัท เช่น กินเนอร์

2. ก๊าซต่างๆ (Gases)





Flammable gas หมายถึง gasที่ติดไฟง่ายเมื่อถูกประกายไฟ เช่น ก๊าซหุงต้ม ก๊าซไฮโดรเจน ก๊าซมีเทน ก๊าซอะเซทิลีน

Non Flammable gas หมายถึง gas อาจเกิดระเบิดได้เมื่อถูกกระแทกอย่างแรง หรือได้รับความร้อนสูงจากภายนอก เช่น ก๊าซออกซิเจน ก๊าซไนโตรเจนเหลว ก๊าซคาร์บอนไดออกไซด์

Poison Gas หมายถึง ก๊าซพิษที่อาจตายได้เมื่อได้สูดดม เช่น ก๊าซคลอรีน ก๊าซแอมโมเนีย ก๊าซไฮโดรเจนคลอไรด์

ตัวอย่างสารเคมีประเภทดังกล่าวที่มีใช้ในบริษัท เช่น LPG

3. ของเหลวไวไฟ (Flammable Liquid)



หมายถึง สารที่ติดไฟง่ายเมื่อถูกประกายไฟ เช่นน้ำมันเชื้อเพลิง กินเนอร์ อะซิโตนไซลีน

ตัวอย่างสารเคมีประเภทดังกล่าวที่มีใช้ในบริษัท เช่น กินเนอร์

4. ของแข็งลุกติดไฟได้ (Flammable Solids)







หมายเลข 1 หมายถึง สารเคมีที่อยู่ในสถานะของแข็งที่ลุกติดไฟง่ายเมื่อถูกเสียดสีหรือ ความร้อนสูง ภายใน 45 วินาที เช่น ผงกำมะถัน ฟอสฟอรัสแดง ไม้ขีดไฟ

หมายเลข 2 หมายถึง สารเคมีที่อยู่ในสถานะของแข็งที่ ลุกติดไฟ ได้เมื่อสัมผัสกับอากาศภายใน 5 นาที เช่น ฟอสฟอรัส

ขาว ฟอสฟอรัสเหลือง โซเดียมซัลไฟด์

หมายเลข 3 หมายถึง สารเคมีที่อยู่ในสถานะของแข็งที่เมื่อถูกน้ำแล้วทำให้เกิดก๊าซไวไฟ เช่น แคลเซียมคาร์ไบด์โซเดียม

5. ตัวเติมออกซิเจนและสารประกอบอินทรีย์เปอร์ออกไซด์
(Oxidizing Agents and Organic Peroxide)





5.1 Oxidizing agent หมายถึง สารเคมีที่ไม่ติดไฟแต่ช่วยให้สารอื่นเกิดการลุกไหม้ได้ดีขึ้น เช่น ไฮโดรเจนเปอร์ออกไซด์ โปแตสเซียมคลอเรต แอมโมเนียมไนเตรท

5.2 Organic Peroxide อาจเกิดระเบิดได้เมื่อถูกความร้อน ไวต่อการกระทบและเสียดสีทำปฏิกิริยารุนแรงกับสารอื่น ๆ เช่น อะซิโตนเปอร์ออกไซด์

6. สารพิษและสารที่ก่อให้เกิดโรคติดต่อ
(Poisonous Substances and Infections Substances)





หมายเลข 1 หมายถึง วัตถุที่มีเชื้อโรคปนเปื้อนและทำให้เกิดโรคได้ เช่น ของเสีย อันตรายจากโรงพยาบาล เข็มฉีดยา ที่ใช้แล้ว เชื้อโรคต่าง ๆ

หมายเลข 2 หมายถึง วัตถุที่อาจทำให้เสียชีวิต หรือบาดเจ็บอย่างรุนแรงจากการกิน สูดดม หรือจากสัมผัสทางผิวหนัง เช่น อาร์ซีนิค ไซยาไนด์ ปรอท สารฆ่าแมลง สารปราบศัตรูพืช โลหะหนักเป็นพิษ

7. สารกัมมันตรังสี (Radioactive Materials)







หมายถึง วัตถุที่สามารถให้รังสีที่เป็นอันตรายต่อสิ่งมีชีวิต เช่น โคบอลต์ เรเดียม

8. สารกัดกร่อน Corrosive Substances)



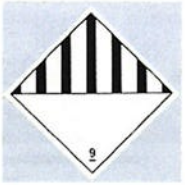
หมายถึง สารเคมีที่สามารถกัดกร่อนผิวหนังและเป็นอันตรายต่อระบบทางเดินหายใจ เช่น กรดเกลือ กรดกำมะถัน โซเดียมไฮดรอกไซด์ แคลเซียมไฮโปคลอไรด์

สารเคมีที่มีใช้ในบริษัท คือ NaOH

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

9. สารหรือวัตถุอื่นที่อาจเป็นอันตรายได้
(Miscellaneous Products or Substances)



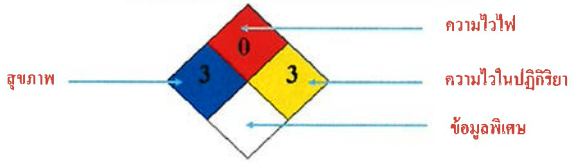
เช่น ของเสียอันตราย แอสเบสทอสขาว เบนซัลดีไฮด์ ของเสียปนเปื้อน ไดออกซิน

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

การแสดงข้อมูลสารเคมีอันตราย

ขนาดความรุนแรงของสารเคมีอันตรายตามมาตรฐาน NFPA



4 : รุนแรงสูงสุด | 2 : รุนแรงปานกลาง

3 : รุนแรงสูง | 1 : รุนแรงน้อย | 0 : ไม่รุนแรง

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

ป้ายสัญลักษณ์บ่งชี้ความเป็นอันตรายตามระบบ NFPA

ป้ายสัญลักษณ์บ่งชี้ความเป็นอันตราย
ตามระบบ NFPA 704



3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

การแสดงข้อมูลสารเคมีอันตราย ตามระบบ GHS



ระบบการจำแนกประเภทและการติดฉลากสารเคมีที่เป็นระบบเดียวกันทั่วโลก

(The Globally Harmonized System of Classification and Labelling of Chemicals)

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

SDS (Safety Data Sheets)

SDS (Safety Data Sheets) หรือ เอกสารข้อมูลความปลอดภัยของสารเคมี หมายถึงเอกสารที่แสดงข้อมูลของสารเคมีที่เกี่ยวข้องกับความอันตรายของสารเคมี, องค์ประกอบของสารเคมี, มาตรการการปฐมพยาบาลเมื่อสัมผัสกับสารเคมี ฯลฯ ซึ่งข้อมูลที่อยู่ใน MSDS ของสารเคมีประกอบด้วย 16 หัวข้อ ได้แก่

หัวข้อที่ต้องมีระบุใน SDS

GULF

GHS (The Globally Harmonized System of Classification and Labelling of Chemicals) ของสหประชาชาติ ได้กำหนดรูปแบบและข้อมูลใน SDS ไว้ 16 ข้อ เนื่องหาหลัก ก็คือ เพื่อสื่อถึงความเสี่ยง การป้องกันและวิธีใช้สารเคมีอย่างปลอดภัย และสามารถจัดการกับสารเคมีนั้นได้เมื่อเกิดเหตุ โดยมีหัวข้อดังต่อไปนี้

1. ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย (Identification)
2. ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม (Composition/ Information on Ingredients)
3. ข้อมูลระบุความเป็นอันตราย (Hazards Identification)
4. มาตรการปฐมพยาบาล (First Aid Measures)
5. มาตรการผจญเพลิง (Fire Fighting Measures)
6. มาตรการจัดการเมื่อมีการหกรั่วไหลของสารโดยอุบัติเหตุ (Accidental Release Measures)
7. การขนถ่ายเคลื่อนย้ายและการจัดเก็บ (Handling and storage)
8. การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล (Exposure Controls/Personal Protection)
9. คุณสมบัติทางเคมีและกายภาพ (Physical and Chemical Properties)
10. ความเสถียรและความไวต่อการเกิดปฏิกิริยา (Stability and Reactivity)
11. ข้อมูลด้านพิษวิทยา (Toxicological Information)
12. ข้อมูลเชิงนิเวศน์ (Ecological Information)
13. มาตรการการกำจัด (Disposal Considerations)
14. ข้อมูลสำหรับการขนส่ง (Transport Information)
15. ข้อมูลเกี่ยวกับกฎข้อบังคับ (Regulatory Information)
16. ข้อมูลอื่น (Other Information)

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

ตัวอย่างการติด SDS



3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

การป้องกันอันตรายจากสารเคมี

1. ผู้รับเหมาที่ปฏิบัติงานกับสารเคมี ต้องศึกษาข้อมูลของสารเคมีนั้นๆเป็นอย่างดี โดยศึกษาข้อมูลจาก MSDS เช่น อันตรายของสารเคมี คำเตือนในการจัดเก็บ วิธีใช้ วิธีปฏิบัติเมื่อเกิดเหตุฉุกเฉิน การปฐมพยาบาล เป็นต้น
2. ก่อนปฏิบัติงานกับสารเคมีต้องมีการสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลตามความเหมาะสม
3. กรณีไม่มั่นใจว่าสามารถปฏิบัติงานกับสารเคมีได้อย่างถูกต้องปลอดภัย ให้ปรึกษาหัวหน้างาน
4. ต้องได้รับการอบรมการทำงานเกี่ยวกับสารเคมีเป็นประจำทุกปี

3. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับสารเคมี

GULF

หลักการปฐมพยาบาล เมื่อสัมผัสสารเคมี

- เมื่อเข้าตา : ให้ล้างตาด้วยน้ำสะอาดทันทีอย่างน้อย 15 นาที พบแพทย์
- เมื่อสัมผัสผิวหนังและร่างกาย : ถอดเสื้อผ้าและรองเท้าที่เปื้อนออก ล้างบริเวณที่ถูกสารเคมีด้วยน้ำ/น้ำสบู่ ปริมาณมากๆ อย่างน้อย 15 นาที พบแพทย์
- ระบบหายใจ : ย้ายเคลื่อนย้ายผู้ได้รับสารพิษไปยังบริเวณที่มีอากาศบริสุทธิ์ ปฐมพยาบาลเบื้องต้นแล้วพาไปพบแพทย์
- ระบบทางเดินอาหาร : ให้ปฏิบัติตามข้อกำหนดใน MSDS อย่างเคร่งครัด



มีหัวและอ่างล้างตาฉุกเฉิน

ปลอดภัยไว้ก่อน SAFETY FIRST

3.4

ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

4. ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

อันตรายจากการทำงานบนที่สูง

1. ลื่น สะดุด ทำให้ตกจากที่สูง
2. ตกจากบันไดหรือนั่งร้าน เนื่องจากไม่มีที่จับยึด ไม่ใช้อุปกรณ์ป้องกันตก
3. นั่งร้านถล่ม เนื่องจากติดตั้งนั่งร้านไม่ได้มาตรฐาน







4. ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

ข้อปฏิบัติเพื่อความปลอดภัยในการทำงานบนที่สูง

➢ ผู้ที่จะปฏิบัติงานบนที่สูง ต้องมีสภาพทางร่างกายที่แข็งแรง ไม่มีโรคหัวใจ โรคลมชัก ความดันโลหิตสูง

➢ การทำงานสูงจากพื้นที่ปฏิบัติงานเกิน 2 เมตรขึ้นไป ต้องมีการป้องกันการพลัดตก เช่น ใช้นั่งร้าน ใช้บันได

➢ ตรวจสอบบริเวณพื้นที่ทำงานโดยรอบให้ปลอดภัย

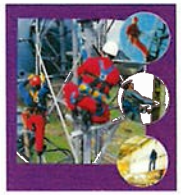


4. ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

อุปกรณ์ป้องกันการตกจากที่สูง

การทำงานบนที่สูงหรือทำงานต่างระดับที่ต้องเสี่ยงกับการตกจากที่สูง ตัวอย่างเช่น งานก่อสร้าง งานสายส่ง งานบำรุงรักษา และทำความสะอาด เป็นต้น จึงจำเป็นต้องใช้อุปกรณ์ป้องกันการตกจากที่สูง







4. ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

เปรียบเทียบการตกระหว่าง Safety Belt กับ Full Body Harness

•Safety belt : สามารถรองรับแรงที่มากระทำได้ประมาณ 900 ปอนด์ (408 Kg)

•Full body harness : สามารถรองรับแรงที่มากระทำได้ประมาณ 1,800 ปอนด์(816 Kg.)

•Safety belt คนจะทนอยู่ได้นานประมาณแค่ 90 วินาที แล้วBelt จะมีการดึงรัดกระบังลมช่องท้องของผู้สวมใส่ทำให้เลือดไหลเวียนไม่ดีอาจหมดสติได้

•Full body harness จะสามารถทนได้ประมาณ 15 นาที ซึ่งมีเวลามากพอที่ทีมช่วยเหลือจะมาช่วยได้ทัน

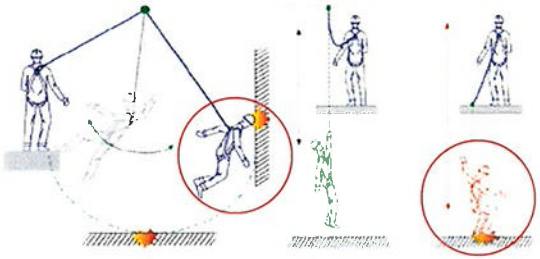


4. ความปลอดภัยในการปฏิบัติงานบนที่สูง

GULF

เกิดการตกโดยเชือกเกิดการแกว่ง ผู้ปฏิบัติงานอาจเกิดการบาดเจ็บจากการกระแทกกับผนัง หรือ พื้นได้

เกิดการบาดเจ็บโดยกระแทกพื้น เนื่องจากจุดยึดอยู่ต่ำกว่าผู้ปฏิบัติงาน



ปลอดภัยไว้ก่อน SAFETY FIRST

3.5

ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

สถานที่อับอากาศ

ที่ซึ่งมีทางเข้าออกจำกัดและไม่ได้ออกแบบไว้สำหรับเป็นสถานที่ทำงานอย่างต่อเนื่อง และมีสภาพอันตรายหรือมีบรรยากาศ อันตราย เช่น อุโมงค์ ถ้ำ บ่อ หลุม ห้องใต้ดิน ห้องนิรภัย ถังน้ำมัน ถังหมัก ถัง เป็นต้น

อันตรายจากการทำงานในสถานที่อับอากาศ

1. การขาดออกซิเจน
2. การได้รับสารพิษ อาจมีก๊าซหรือไอที่เป็นพิษ
3. การเกิดไฟไหม้หรือระเบิด
4. ไฟฟ้าช็อต เนื่องจากการใช้อุปกรณ์ไฟฟ้าที่ชำรุดในสถานที่อับอากาศ
5. ปัญหาการติดต่อสื่อสารขอความช่วยเหลือ



5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

ข้อปฏิบัติเพื่อความปลอดภัยในการทำงานในที่อับอากาศ

1. ผู้ปฏิบัติงานในสถานที่อับอากาศต้องผ่านการอบรมตามที่กฎหมายกำหนด
2. ต้องมีใบอนุญาตเข้าทำงานในสถานที่อับอากาศ ติดไว้ที่พื้นที่ปฏิบัติงาน และห้ามเข้าไปทำงานก่อนได้รับอนุญาต โดยจะต้องตรวจสอบว่าในใบอนุญาตว่ามี
   - ชื่อผู้ตรวจ ผู้อนุญาต ในการทำงาน
   - มีผลการตรวจวัดอากาศในพื้นที่การทำงาน
3. ต้องลงชื่อ และ เวลาเข้า-ออก ในที่อับอากาศทุกครั้ง พร้อมทั้งแขวนบัตรประจำตัวไว้ที่ปากทางเข้า เพื่อให้ตรวจสอบได้

5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

ข้อปฏิบัติเพื่อความปลอดภัยในการทำงานในที่อับอากาศ

4. จะต้องมีผู้เฝ้าปากทางเข้า- ออก เพื่อคอยช่วยเหลือและสื่อสารกับคนข้างในที่อับอากาศ และ ห้ามบุคคลที่ไม่เกี่ยวข้องเข้าไปในที่อับอากาศ
5. ต้องมีการหมุนเวียนพนักงานที่ทำงานในที่อับอากาศออกมาพักเป็นครั้งคราว
6. ต้องจัดให้มีระบายอากาศที่เพียงพอในพื้นที่อับอากาศ
7. แจ้งให้ผู้เฝ้าระวัง (Hole Watch) ทราบก่อนเข้าไปทำงาน
8. ใช้อุปกรณ์เพื่อความปลอดภัยดังที่ระบุไว้ในใบอนุญาต

5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

ค่ามาตรฐานการตรวจวัดก๊าซที่อนุญาตให้สามารถปฏิบัติงานได้ ดังนี้

- 1) ก๊าซออกซิเจน ค่าการตรวจวัดอยู่ระหว่าง 19.5 - 23.5 %
- 2) ก๊าซติดไฟ ไม่เกิน 10 % ของค่า LEL
- 3) ก๊าซไฮโดรเจนซัลไฟด์ ไม่เกิน 10 ppm
- 4) ก๊าซคาร์บอนมอนอกไซด์ ไม่เกิน 25 ppm

5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF

ข้อปฏิบัติเพื่อความปลอดภัยในการทำงานในที่อับอากาศ

9. ติดต่อสื่อสารกับผู้เฝ้าระวังอย่างสม่ำเสมอ
10. แจ้งให้ผู้เฝ้าระวังทราบทันทีที่มีสิ่งเตือนว่าอาจมีภัย
11. ต้องออกจากพื้นที่ในกรณีต่อไปนี้
    - ผู้เฝ้าระวัง (Hole Watch) แจ้งให้ออก
    - มีสิ่งบอกเหตุว่าอาจมีอันตราย
    - เมื่อสัญญาณบอกเหตุฉุกเฉิน (Emergency Alarm) ดังขึ้น

5. ความปลอดภัยในการปฏิบัติงานในที่อับอากาศ

GULF



GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

3.6

ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายวัสดุ

6. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายวัสดุ

GULF

การเคลื่อนย้ายวัสดุ

ความหมาย

การเคลื่อนย้ายวัสดุ หรือสิ่งของจากจุดหนึ่งไปยังตำแหน่งที่ต้องการในระนาบเดียวกัน หรือต่างระนาบกัน



6. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายวัสดุ

GULF

ประเภทของการเคลื่อนย้ายวัสดุ

การเคลื่อนย้ายวัสดุ สามารถแบ่งออกได้ 2 อย่างตามต้นกำลังคือ

1. การเคลื่อนย้ายวัสดุที่ใช้กำลังจากคน

- การยก ถือและแบกหาม
- การใช้รถเข็น และ Hand lift





6. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายวัสดุ

GULF

2. การเคลื่อนย้ายวัสดุที่ใช้เครื่องจักร หรืออุปกรณ์

- รถยก (Forklift or Lift truck)
- ว้าน และปั้นจั่น (Hoist and Crane)
- อุปกรณ์ลำเลียง (Conveyor)
- รถพ่วง และรถบรรทุก



6. ความปลอดภัยในการปฏิบัติงานเกี่ยวกับการเคลื่อนย้ายวัสดุ

GULF

การยกของขึ้นอย่างถูกวิธีและปลอดภัย

การยกของขึ้นอย่างถูกวิธีและปลอดภัยทำได้ 6 ขั้นตอนดังนี้

1. การวางเท้าให้ถูกตำแหน่ง
2. หลังตรง
3. แขนชิดลำตัว
4. จับสิ่งของที่จะยกให้ถูกต้อง
5. ตรึงคาง
6. การถ่ายน้ำหนักของร่างกายที่เท้าทั้งสองข้างเท่าๆ กัน



GULF

รถเข็น หรือ Hand lift

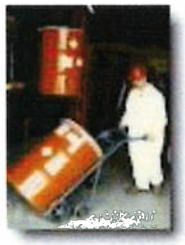


เป็นอุปกรณ์เคลื่อนย้ายวัสดุชนิดหนึ่งที่สำคัญ การทำงานยังต้องอาศัยกำลังจากมนุษย์เป็นส่วนใหญ่ รถเข็นมีทั้งแบบ ล้อเดียว สามล้อ สี่ล้อและห้าล้อ การใช้งานมักนำมาใช้กับวัสดุที่มีน้ำหนักมาก ขนาดหรือรูปร่างไม่สะดวกต่อการยก ระยะการเคลื่อนย้ายไกล ต้องเคลื่อนย้ายจำนวนมาก หรือวัสดุนั้นมีอันตรายสูง

GULF

การใช้รถเข็นด้วยความปลอดภัย

1. พนักงานควรสวม PPE ให้เหมาะสม
2. ตรวจสภาพรถเข็นก่อนใช้งาน
3. รถเข็นชนิดมีด้ามจับ 2 ข้าง ควรมีครอบป้องกันมือที่ด้าม
4. ควรมีห้ามล้อ
5. วางของบนรถเข็นให้ได้สมดุล และไม่ยื่นออกนอกตัวรถเข็นเกินควร ที่สำคัญต้องไม่บดบังสายตา
6. สำรวจเส้นทางที่รถเข็นผ่าน และหลีกเลี่ยงบริเวณที่เป็นหลุม ขรุขระ มีสิ่ง น้ำขัง หรือเปียก และพื้นเอียง
7. ใช้วิธีดันไปข้างหน้า ยกเว้น ผ่านทางลาดชัน ใช้ดึงรถเข็นถอยหลัง



GULF

รถยก หรือ ฟอล์คลิฟต์



เป็นเครื่องจักรกลที่สำคัญที่สุดอย่างหนึ่งในการเคลื่อนย้ายวัสดุ เนื่องจากมีความคล่องตัวในการใช้งาน พบว่ามีทั้งในการเคลื่อนย้ายวัตถุดิบ เป็นส่วนหนึ่งของขบวนการผลิต และเคลื่อนย้ายผลิตภัณฑ์สำเร็จรูป นิยมใช้ควบคู่กับตะแกรงหรือพาเลท

GULF

อันตรายจากรถยก





GULF

ข้อปฏิบัติเพื่อความปลอดภัยในการทำงานกับรถยก

- ให้มีโครงหลังคาที่มั่นคงแข็งแรง สามารถป้องกันอันตรายจากวัสดุตกหล่นได้
- ให้ทำป้ายบอกที่กัดน้ำหนักยกให้ตรงกับความสามารถในการยกสิ่งของได้โดยปลอดภัยติดไว้ที่รถยก
- ให้มีการตรวจสอบรถยกให้ปลอดภัยก่อนการใช้งานทุกครั้ง
- ให้มีสัญญาณเสียงหรือแสงไฟเตือนภัยในขณะทำงาน
- ต้องกำหนดเส้นทางและตีเส้นช่องทางเดินรถยกในอาคารหรือบริเวณที่มีการใช้รถยกเป็นประจำ
- ต้องติดตั้งกระจกนูนหรือวัสดุอื่นที่มีคุณสมบัติคล้ายกันไว้ที่บริเวณทางแยก
- ผู้ขับรถยกต้องผ่านการฝึกอบรมตามหลักสูตรที่อธิบดีประกาศกำหนด
- ห้ามนำรถยกปฏิบัติงานใกล้สายไฟฟ้าหรืออุปกรณ์ไฟฟ้าที่มีกระแสไฟฟ้า ใกล้กว่าระยะห่างที่ปลอดภัยตามที่กำหนดไว้ในมาตรฐานของการไฟฟ้า
- ห้ามมิให้บุคคลอื่นโดยสารไปกับรถยก

GULF





GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

3.7

ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

การรายงานและสอบสวนอุบัติการณ์

วัตถุประสงค์

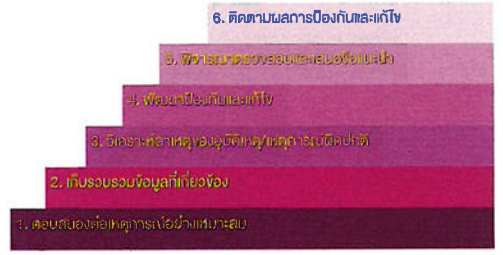
- หาสาเหตุและหามาตรการควบคุมป้องกัน
- เป็นแนวทางการปฏิบัติ ให้สามารถปฏิบัติได้อย่างปลอดภัย
- ลดความสูญเสีย โดยพิจารณาจากข้อบกพร่องในการบริหาร

ใครควรจะเป็นผู้ทำการสอบสวน

1. หัวหน้างาน//ผู้บังคับบัญชาตามสายงาน
2. ผู้บริหารระดับกลางหรือระดับสูงขึ้นไป
3. เจ้าหน้าที่สนับสนุน (Staff Personnel)

GULF

แนวทางปฏิบัติในการสอบสวนอุบัติการณ์



7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

ความสัมพันธ์ของการไม่รายงานอุบัติเหตุเนื่องจาก

1. เกรงว่าตัวเองจะถูกทำโทษ
2. เกรงว่าจะเสียประวัติการทำงานของตัวเองและส่วนรวม
3. เกรงว่าตัวเองจะเสียชื่อเสียง
4. เกรงว่าจะต้องไปหาแพทย์เพื่อทำการรักษา
5. เกรงว่าจะต้องพบแพทย์หรือพยาบาลคนนั้นอีก
6. เกรงว่าจะเสียงานกลางคัน
7. เกรงว่าจะมีการเก็บข้อมูลของฝ่ายบุคคล
8. เกรงว่าจะทำเรื่องเล็กให้เป็นเรื่องใหญ่
9. เกรงว่าจะเป็นที่บาดหมางใจกัน
10. ไม่เห็นความสำคัญในการรายงาน

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

ทำอย่างไรจึงจะให้มีการรายงานอุบัติเหตุ/เหตุการณ์

ผิดปกติ

1. ควรจะมองว่าการได้รับรายงานจากลูกน้องนั้นเป็นสิ่งที่ดี
2. ควรมุ่งแต่การควบคุมความสูญเสียดีกว่ามุ่งการกระทำผิด
3. ควรชื่นชมกับผลการทำงานของพนักงานทุกคน
4. ให้พนักงานเห็นคุณค่าในการค้นหารายละเอียดในเหตุการณ์ที่เกิดขึ้น
5. ควรแสดงให้พนักงานเห็นว่า รายงานที่เขาเสนอมานั้นมีคุณค่า
6. ควรเน้นปัญหาที่เกิดขึ้น อย่าพยายามเน้นในเรื่องบุคคล

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

การสอบสวนที่มีประสิทธิภาพ

- อธิบายได้ว่าเกิดอะไรขึ้น
- กำหนดได้ว่าอะไร คือ สาเหตุที่แท้จริง (Root Cause)
- ตัดสินได้ว่าอะไร คือ ความเสี่ยง
- พัฒนาการควบคุมและแก้ไข
- การค้นหาแนวโน้มที่อาจจะเกิดขึ้น
- การแสดงข้อมูลให้ผู้เกี่ยวข้องทราบ

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

ขั้นตอนการรายงานอุบัติการณ์

ขั้นตอน	ผู้รับผิดชอบ	การปฏิบัติ
1	ผู้เกิดเหตุหรือพบเหตุการณ์	แจ้งหัวหน้างานด้วยวาจาทันที
2	หัวหน้างาน	แจ้งผู้บังคับบัญชาและส่วนงาน SH&E ด้วยวาจาทันทีและดำเนินการสอบสวนเหตุการณ์เบื้องต้น **พร้อมจัดทำรายงานเหตุการณ์เบื้องต้น**ส่งให้กับผู้บังคับบัญชาภายใน 24 ชั่วโมง
3	ผู้จัดการ	พิจารณารายงาน ให้ข้อเสนอแนะ หรือดำเนินการสอบสวนเพิ่มเติมหากเห็นว่ายังไม่เพียงพอ โดยดำเนินการสอบสวนและจัดทำรายงานส่งให้กับผู้จัดการใบส่วนที่เกี่ยวข้อง ผู้จัดการโรงไฟฟ้า และสำเนาให้กับส่วนงาน SH&E ให้แล้วเสร็จภายใน 3 วัน
4	ผู้จัดการโรงไฟฟ้า	จัดทำรายงาน และจัดส่งรายงานการเกิดอุบัติเหตุกรณีเกิดอุบัติเหตุทำให้พนักงานหยุดงาน 3 วัน ขึ้นไป ต่อสวัสดิการและคุ้มครองแรงงานจังหวัด

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

ขั้นตอนการสอบสวนอุบัติการณ์

ขั้นตอน	ผู้รับผิดชอบ	การปฏิบัติ
1	ผู้จัดการส่วนงาน	กำหนด สถานที่ วัน เวลา ในการสอบสวนอุบัติการณ์ (สอบสวนให้แล้วเสร็จภายใน 3 วันนับจากวันที่เกิดอุบัติการณ์)
2	ผู้จัดการส่วนงาน	แจ้งเชิญคณะกรรมการสอบสวนอุบัติการณ์เข้าร่วมการสอบสวนอุบัติการณ์ รวมถึงผู้ได้รับบาดเจ็บและผู้พบเหตุการณ์ เป็นเอกสารหรือไฟล์อิเลคทรอนิค
3	คณะกรรมการสอบสวนอุบัติการณ์	เข้าร่วมการสอบสวนอุบัติการณ์ตามที่ได้รับเชิญ
4	ผู้จัดการส่วนงาน	จัดทำรายงานการสอบสวนอุบัติการณ์พร้อมมาตรการป้องกัน ส่งให้กับส่วนงาน SH&E และผู้จัดการโรงงาน

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

คณะกรรมการสอบสวนอุบัติการณ์

เหตุการณ์เกือบเกิดอุบัติเหตุและอุบัติเหตุเล็กน้อย

- ผู้จัดการส่วนงาน
- คณะกรรมการความปลอดภัยฯ
- หัวหน้างาน
- พยาน
- หน่วยงานที่เกี่ยวข้องอื่นๆตามที่ผู้จัดการส่วนงานร้องขอ

อุบัติเหตุรุนแรง

- ผู้จัดการโรงงาน
- คณะกรรมการความปลอดภัยฯ
- ผู้จัดการส่วนงานบุคคลและธุรการ
- ผู้จัดการส่วนงาน
- ส่วนงานความปลอดภัยฯ
- หัวหน้าส่วนงาน
- พยาน- หน่วยงานที่เกี่ยวข้องอื่นๆตามที่ผู้จัดการส่วนงานร้องขอ

หมายเหตุ : ส่วนงานที่เกี่ยวข้องกับการเกิดอุบัติการณ์ หรือส่วนงานอื่นๆ ต้องเข้าร่วมเป็นคณะกรรมการสอบสวนอุบัติการณ์ทุกครั้ง เมื่อส่วนงานต้นสังกัดที่เกิดอุบัติเหตุร้องขอให้เข้าร่วม

7. ขั้นตอนการรายงานและสอบหาสาเหตุอุบัติการณ์

GULF

การติดตามการป้องกันและแก้ไข

กำหนดให้ผู้จัดการส่วนงานที่เกิดอุบัติการณ์ติดตามผลการดำเนินการป้องกันและแก้ไข ตามแบบการติดตามผลการแก้ไขอุบัติการณ์ และรายงานให้กับผู้ที่เกี่ยวข้อง และผู้จัดการโรงไฟฟ้ารับทราบตามกำหนด

การรายงานและสอบสวนอุบัติการณ์
จะเกิดประโยชน์มากน้อยเพียงใด
ปัจจัยสำคัญอยู่ที่การดำเนินการในการป้องกันและแก้ไข

GULF

ปลอดภัยไว้ก่อน SAFETY FIRST

3.8

ระบบการขออนุญาตทำงาน (Permit to work)

3.8 ระบบการขออนุญาตทำงาน (Permit to work)

GULF

คือการขออนุญาตปฏิบัติงานซ่อมบำรุงหรือซ่อมแซมเครื่องจักร อาคาร โรงงาน หรืองานอื่นๆที่ไม่ใช่งานประจำในกระบวนการผลิต และมีความเสี่ยงต่อการเกิดอันตราย

เพื่อให้มีระบบที่รัดกุม ในการเตรียมการและกำหนดมาตรการที่เพียงพอ อันจะทำให้เกิดความปลอดภัยทั้งต่อผู้ปฏิบัติงาน ทรัพย์สิน กระบวนการผลิตของบริษัทฯ

ระบบการขออนุญาตทำงานและการตัดแยกพลังงาน (Work Permit and LOTO)

GULF

- " **ใบขออนุญาตทำงาน** " ใช้สำหรับงานทุกชนิดหรืองานทั่วไป โดยวัตถุประสงค์เพื่อขออนุญาต และสื่อสารเป็นหลัก (ไม่รวมงานที่มีอันตรายหรือ Hazardous work permit)





ระบบการขออนุญาตทำงานและการตัดแยกพลังงาน (Work Permit and LOTO)

GULF

- " **ใบอนุญาตตัดแยกอุปกรณ์** " ใช้สำหรับตัดแยกแหล่งพลังงาน (Lock Out Tag Out permit)

  ใช้สำหรับตัดแยกแหล่งพลังงาน (Lock Out Tag Out permit)
  - ไฟฟ้า
  - ไอน้ำ
  - สารเคมี
  - ก๊าซ
  - น้ำ (แรงดัน)
  - ลม (แรงดัน)
  - การขนถ่ายวัสดุทางท่อ



** หากผู้ยืมจะมาคืนกุญแจแหล่งกำเนิดพลังงานร่วมกับทางกัลฟ์ สามารถสั่ง Work Supervisor เพื่อร่วมทำการล็อคได้

ระบบการขออนุญาตทำงานและการตัดแยกพลังงาน (Work Permit and LOTO)

GULF

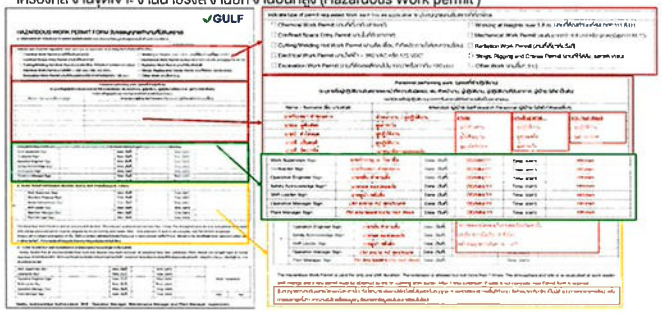


- หากต้องการแขวน Tag หรือ Lock ร่วม โปรดแจ้ง Work Supervisor
- ห้ามปลด Tag ออกจากเครื่องจักร หรืออุปกรณ์เด็ดขาด
- กรณีพบ Tag ตกหล่น นำส่ง work supervisor หรือเจ้าหน้าที่กัลฟ์ ห้ามนำไปแขวนบนเครื่องจักร อุปกรณ์เองโดยเด็ดขาด

ระบบการขออนุญาตทำงานในงานที่เป็นอันตราย

GULF

- " **ใบอนุญาตทำงานอันตราย** " ใช้สำหรับ ทำงานอันตราย เช่น ไฟฟ้า สารเคมี ความร้อนและประกายไฟ อับอากาศ เครื่องกล งานขุดเจาะ งานฉายรังสี งานยก งานบนที่สูง (Hazardous Work permit)



ระบบการขออนุญาตทำงานในงานที่เป็นอันตราย

GULF



งานที่เกี่ยวกับสารเคมี (Chemical Work)

GULF

- วัตถุอันตรายที่นำเข้ามาในโรงงานต้องได้รับการอนุญาตจาก SHE
- ส่งข้อมูลความปลอดภัยสารเคมี (SDS) เพื่อขออนุญาตใช้งานในโรงไฟฟ้า พร้อมทั้งจัดเตรียมข้อมูลความปลอดภัยสารเคมี (SDS) ไว้ใช้หน้างาน
- ภาชนะบรรจุสารเคมีอันตรายต้องมั่นคง แข็งแรง ติดฉลาก ป้ายแสดงข้อมูลสารเคมี ข้อมูลทางกายภาพ, อันตรายต่อสุขภาพ การปฐมพยาบาลไว้ตลอดเวลา
- สวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลทุกครั้งที่ปฏิบัติงานเกี่ยวกับสารเคมี
- ปฏิบัติตามป้ายเตือนอันตรายในพื้นที่ใช้สารเคมี



งานไฟฟ้า (Electrical Work)

GULF

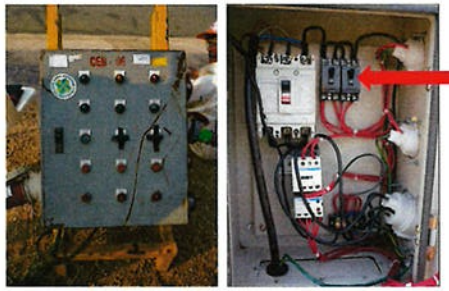
- ทำงานเกี่ยวกับระบบไฟฟ้าแรงสูง – งานบำรุงรักษาหรือ ซ่อมที่ใกล้กับระบบไฟฟ้าแรงสูง (เท่ากับหรือมากกว่าเกิน 380 Volt AC หรือ 125 Volt DC)
- ตรวจสอบอุปกรณ์ไฟฟ้า และเครื่องมือก่อนนำเข้ามาใช้งาน





แผงควบคุมระบบไฟฟ้าต้องมีอุปกรณ์ตัดไฟรั่ว Earth Circuit Breaker (ECB) or Ground Fault Circuit Breaker (GFCI)

GULF



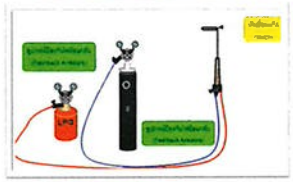
ECB or Earth leak breaker must be installed to prevent electrical shock hazard and inspected periodically by licensed engineer.

งานตัด เชื่อม ให้ความร้อน ประกายไฟ (Cutting/Welding Hot Work)

GULF

- พนักงานที่ปฏิบัติงาน ต้องสวมใส่อุปกรณ์ป้องกันอันตรายสำหรับงานเชื่อมให้ครบและถูกต้อง
- ต้องมีผ้ากันไฟ รองรับสะเก็ดไฟจากการเชื่อม ตัด
- ต้องจัดเตรียมถังดับเพลิง ชนิด ABC Fire Rated ไม่น้อยกว่า 6A:20B ขนาดอย่างน้อย 10 ปอนด์ 1 ถังต่อหนึ่งหัวเชื่อมหรือหัวตัด และพร้อมใช้งาน ไว้ในพื้นที่ปฏิบัติงาน
- ต้องติดตั้งอุปกรณ์ป้องกันไฟย้อนกลับ (Flash Back Arrestor & Non-return valve) ที่มีมาตรฐาน EN730 หรือ ISO5175 โดยต่อจากทางออกของอุปกรณ์ปรับความดัน และหัวเชื่อมตามลำดับ โดยต้องอยู่ในสภาพพร้อมใช้งาน (ไม่มีห้ามทำงานเด็ดขาด)
- ต้องมีผู้เฝ้าระวังไฟ (Fire watchman) 1 คนต่อ 1 จุด ที่ผ่านการฝึกอบรมหลักสูตร Fire watchman เท่านั้น โดยต้องสแตนด์บายหลังเสร็จงาน 30 นาที





งานตัด เชื่อม ให้ความร้อน ประกายไฟ (Cutting/Welding Hot Work)

GULF

Flashback arrestor(fuel gas & oxygen) and NRV

อุปกรณ์ป้องกันไฟย้อนกลับ
มีมาตรฐานสากล ที่ทั่วโลกยอมรับ
คือ มาตรฐาน EN 730 และ ISO 5175

(1) หางออกวาล์วปรับความดันของท่อก๊าซเชื้อเพลิง
(2) หางออกวาล์วปรับความดันของท่อก๊าซออกซิเจน
(3) ด้านทางเข้าหัวเชื่อมก๊าซเชื้อเพลิง
(4) ด้านทางเข้าหัวเชื่อมก๊าซออกซิเจน



งานตัด เชื่อม ให้ความร้อน ประกายไฟ (Cutting/Welding Hot Work)

GULF

❑ ความปลอดภัยในการใช้ถังก๊าซที่มีแรงดัน (Gas Cylinder)

- ถังก๊าซที่มีแรงดันต้องมีฝาครอบเพื่อป้องกันอันตรายระหว่างเคลื่อนย้าย
- ถังก๊าซที่ใช้งานทุกถังต้องมีการตรวจจากสอบ Hydrostatic test ตามมอก.358-2565 ประจำทุก 5 หรือ 10 ปี และต้องระบุเดือนหรือปีที่ตรวจสอบล่าสุดให้ชัดเจนบนตัวถัง
- การติดตั้งวาล์ว ข้อต่อ ที่ถังก๊าซ เป็นไปตามข้อกำหนดของ CGA (The Compressed Gas Association) หรือมาตรฐานที่เป็นสากลหรือใช้งานแพร่หลายอื่น เช่น DIN, ISO, EN
- หลีกเลี่ยงพื้นที่ที่เสี่ยงต่อการถูกชนจากยานพาหนะ และไม่วางไว้บนพื้นดินทราย หิน เพราะอาจสัมผัสได้ง่าย
- เก็บถังออกซิเจนที่ยังไม่ได้ใช้งานหรือถังเปล่าของก๊าซออกซิเจนห่างจากถังก๊าซเชื้อเพลิงหรือแหล่งความร้อนไม่น้อยกว่า 6 เมตร
- ต้องปิดวาล์วหัวถังก๊าซให้สนิททุกครั้งก่อนเลิกใช้งาน



งานตัด เชื่อม ให้ความร้อน ประกายไฟ (Cutting/Welding Hot Work)

GULF

สีและสัญลักษณ์ของท่อก๊าซ ตาม มอก.87 และ 88 วาล์วท่อก๊าซและข้อต่อ ตามกำหนดของ CGA (The Compressed Gas Association)



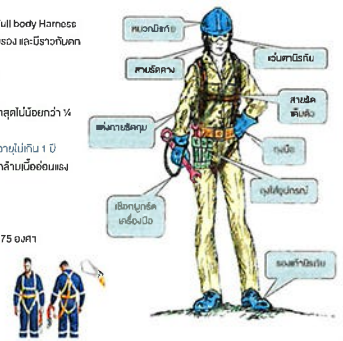
ไม่มีมาตรฐานกำกับที่ชัดเจนและอ้างอิงได้



งานบนที่สูง (Work at High)

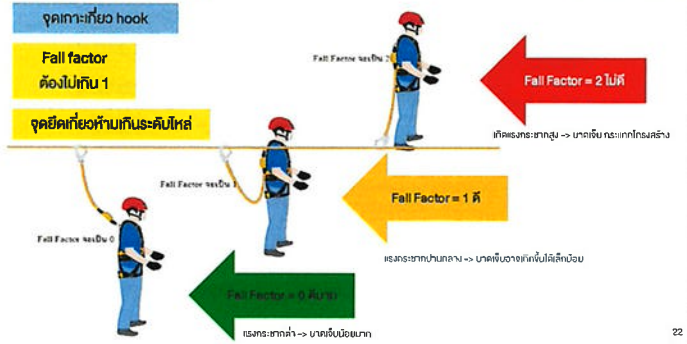
GULF

- การทำงานที่สูงจากพื้นตั้งแต่ 1.8 เมตร ขึ้นไป การทำงานบนพื้นที่ต่างระดับ
- ขณะทำงานบนที่สูงผู้ปฏิบัติงานจะต้องสวมใส่เข็มขัดนิรภัยหรือสายช่วยชีวิต ชนิด Full body Harness double land yard EN361 2002 หรือ ANSI Z359.11-2021 ต้องมีตาข่ายนิรภัยรองและมีราวกันตก
- ให้ลูกยึดกับโครงสร้างที่มั่นคง และต้องไม่เอาลูก 2 อัน ออกในเวลาเดียวกัน
- ขณะที่ทำงานหากมีพายุหรือฝนตก ผู้ปฏิบัติงานต้องหยุดทำงานและลงมาข้างล่าง
- ต้องมีการป้องกันวัสดุตกจากที่สูงโดยทำผ้าใบปิดกัน หรือทำที่รองรับ
- ปิดล้อมพื้นที่บริเวณทำงาน กรณีมีนั่งร้าน ให้ระยะล้อมเป็น ½ ของความสูงนั่งร้าน ต่ำสุดไม่น้อยกว่า ¼
- ผู้ปฏิบัติงานต้องผ่านการฝึกอบรมหลักสูตร การทำงานบนที่สูง ก่อนเริ่มงาน
- มีผลตรวจสุขภาพจากแพทย์อาชีวเวชศาสตร์ รับรองให้สามารถทำงานบนที่สูงได้ อายุไม่เกิน 1 ปี
- ห้ามผู้มีภาวะเสี่ยง 7 โรค ได้แก่ กลัวที่สูง มาหวาน โรคปอด โรคหัวใจ หลอดเลือด กล้ามเนื้ออ่อนแรง ลมชัก น้ำในหูไม่ทำงาน ทำงานที่สูงเด็ดขาด
- ช่องเปิดหรือช่องต่างๆ ต้องมีฝาปิด หรือรั้วกั้นความสูงไม่น้อยกว่า 90 เซนติเมตร
- อุปกรณ์เครื่องมือที่ใช้บนที่สูง ต้องมีการผูกยึด ไม่ให้ตกลงมาด้านล่าง
- การใช้บันไดแบบเคลื่อนย้ายได้ ขุนบันไดต่ำอยู่ตรงข้ามกับมุมเงยที่พิง จะต้องวางทำมุม 75 องศา
- มีแผนฉุกเฉิน ช่วยชีวิต



งานบนที่สูง (Work at High)

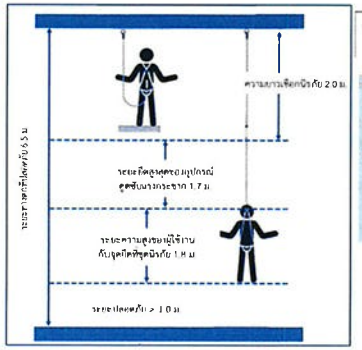
GULF



22
9

งานบนที่สูง (Work at High)

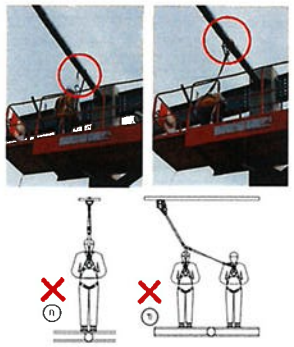
GULF

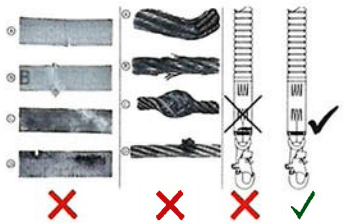


- ความยาวเชือกช่วยชีวิต เท่ากับเท่าไหร่?
- ระยะยืดอุปกรณ์สูงสุดของ เท่ากับเท่าไหร่?
- ความสูงของตาของ เท่ากับเท่าไหร่?
- คำนวณออกมามีระยะการตกที่ปลอดภัย (Fall Clearance Distance)
- ระยะปลอดภัย ให้ตรวจสอบหน้างาน มีสิ่งกีดขวางอื่นหรือไม่ ให้นำมาพิจารณาด้วย

งานบนที่สูง (Work at High)

GULF

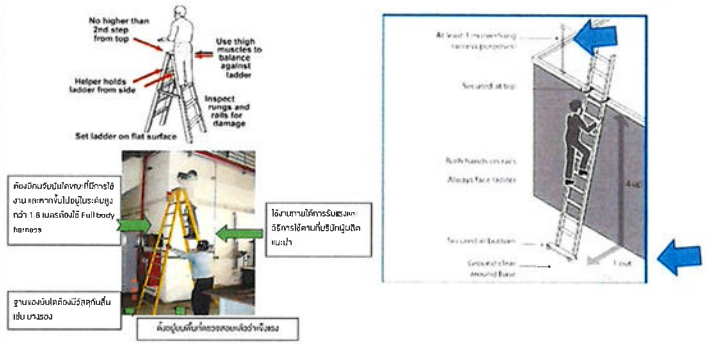




Don't do this!!
ห้ามทำ / ห้ามนำมาใช้งาน

การทำงานกับบันได (Ladder Work)

GULF



ข้อห้ามในการทำงานบนที่สูง

GULF

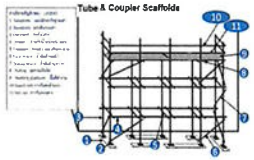


การทำงานกับนั่งร้าน (Scaffolding Work)

GULF

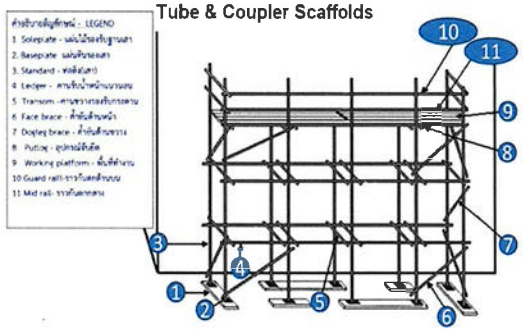
- ให้ใช้นั่งร้านที่เป็นมาตรฐานสากล (BS Standard 1139) หากเป็นนั่งร้านประเภทอื่นต้องได้รับความเห็นชอบจาก MTN Manager ก่อนเริ่มงาน
- นั่งร้านที่ทำขึ้นใช้งานชั่วคราวเสะนั่งร้านที่ความสูงตั้งแต่ 4 เมตรขึ้น จะต้องมีวิศวกรรับรองแบบนั่งร้าน และติดตั้งนั่งร้านตามแบบที่ได้รับการรับรอง
- นั่งร้านที่สูงกว่า 1,8 เมตร ต้องมีราวกันตก ถ้าไม่มีราวกันตกต้องใส่เข็มขัดนิรภัย
- ผู้ใช้ต้องตรวจสอบให้แน่ใจว่า ที่กันของตกอยู่ในสภาพที่นั่นคงทั้งสี่ด้านของนั่งร้าน
- ต้องตั้งนั่งร้านตามมาตรฐานสากล ฐานมีความมั่นคงแข็งแรงไม่ล้ม ไม้ปูต้องหนาอย่างน้อย 2 นิ้ว กว้าง 10 นิ้ว และต้องปูอย่างน้อย 2 แผ่นเสมอ ใช้ลวดมัดปลายไม้กันนั่งร้านป้องกัน การเลื่อนหลุด หรือปูด้วยแผ่นเหล็กของนั่งร้าน
- การใช้งานนั่งร้านที่มีล้อ กรณีที่มีการเคลื่อนย้าย ผู้ปฏิบัติงานต้องลงจากนั่งร้านก่อนเคลื่อนย้ายเสมอ





ลักษณะของนั่งร้านแบบท่อประกอบ

GULF



มาตรฐานการติดตั้งนั่งร้าน

GULF

ANSI Z359.2 or similar



สลักยาวไม่น้อยกว่า 5.8 ซม.



ถ้าเป็นเหล็กก่อนต้องหนาไม่น้อยกว่า 5 mm.

เพื่อป้องกันการจมและกระจายแรงกดของเสานั่งร้าน

ความกว้าง 220 มม.ความหนา 35 มม.ความยาว 460 มม.



มาตรฐานการติดตั้งนั่งร้าน

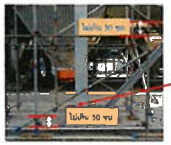
GULF

ANSI Z359.2 or similar





1. ปลายบันไดต้องยื่นเหนือพื้นของชั้นที่จะขึ้น อย่างน้อย 1 เมตร
2. ความชันประมาณ 4:1หรือ 75 องศา
3. แต่ละช่วงของบันไดมีความสูงตามแบบตั้งไม่เกิน 6 เมตร
4. บันไดที่พาดยาว 6 เมตรต้องล็อคอย่างน้อย 3 จุด



ค้ำยันต้องล็อคกับเสาเท่านั้น ห่างจากคานไม่เกิน 30 ซม.

คานล่างสุด (Foot tie) ติดตั้งสูงไม่เกิน 15 ซม.



มาตรฐานการติดตั้งนั่งร้าน

GULF

ANSI Z359.2 or similar





1. นั่งร้านไม่เกิน 12 เมตร ระยะห่างเสาไม่เกิน 2 เมตร
2. นั่งร้านเกิน 12 เมตรระยะห่างเสาไม่เกิน 1.5 เมตร
3. นั่งร้านเกิน 21 เมตรระยะห่างเสาไม่เกิน 1.2 เมตร

มาตรฐานการติดตั้งนั่งร้าน

GULF

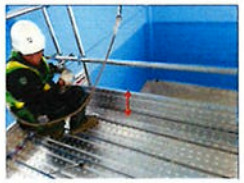
ANSI Z359.2 or similar



วัสดุส่วนปลายไม่ควรยื่นออกมาน้อยกว่า 10 ซม. แต่ไม่เกิน 30 ซม.



พื้นนั่งร้านต้องไม่เทยกันและต้องไม่มีช่องโหว่



มีแผ่นกันตกนั่งร้านโดยรอบนั่งร้านสูงไม่น้อยกว่า 15 ซม.

มาตรฐานการติดตั้งนั่งร้าน

GULF

ANSI Z359.2 or similar





ฐานขาปรับระดับ Jack Base/U-Head ระยะเกลียวต้องเหลืออยู่ในท่อเสาไม่น้อยกว่า 10 ซม.

การติดตั้งนั่งร้านโดยใช้แค้มป์ให้ถูกต้อง

GULF

ANSI Z359.2 or similar



แค้มป์ล็อคเสานั่งร้านกับคานและดงหลักใช้แค้มป์ฉากแบบ Double Coupler เท่านั้นและแค้มป์ต้องหงาย







ใส่ cap พลาสติกในจุดคับแคบหรือทางเดินสัญจรที่อาจเป็นจุดชน เสี่ยงหรือกระแทก

การทำงานกับนั่งร้าน (Scaffolding Work)

GULF

Tag นั่งร้านเพื่อใช้ในการแขวนก่อน-หลังการตรวจสอบ




- ตรวจสอบนั่งร้านตามแบบตรวจสอบความปลอดภัยของนั่งร้าน (SCAFFOLD SAFETY CHECKLIST) ประกอบการขออนุญาตทำงานกับนั่งร้านในครั้งแรกที่มีการติดตั้ง (Attachment_A3_Scaffolding Safety Checklist_Rev.01 ตาม ESMS-Sa-P-20_Ladder and Scaffolding)
- การพิจารณาการแขวน Tag โดยหลังจากได้รับอนุญาตและตรวจสอบ(โดยInspector) จะเป็น Tag สีเขียว หลังจากปิด PTW แล้วเปลี่ยนเป็น Tag สีแดง ล็อคด้วย Barcode ขาว -แดง
- กรณีจะทำต่อในวันถัดไป เมื่อเปิด PTW และตรวจสอบ (โดยInspector) ก็เปลี่ยนเป็น Tag สีเขียว

ตัวอย่างการกรอก Tag นั่งร้าน

GULF



เอกสารใบรับรองการฝึกอบรมการทำงานบนที่สูง

GULF





เอกสารใบรับรองแพทย์สำหรับทำงานบนที่สูง

GULF



ผู้ปฏิบัติงานบนที่สูงเป็นประจำควรมีการตรวจสุขภาพ อย่างน้อยครั้งหนึ่งก่อนเริ่มทำงานและการตรวจสุขภาพประจำปีอย่างน้อย 1 ครั้ง โดยแพทย์อาชีวเวชศาสตร์ หรือผู้เชี่ยวชาญด้านสุขภาพและอนามัยการทำงานสำหรับการทำงานบนที่สูงต้องได้รับการตรวจจากแพทย์อาชีวเวชศาสตร์ให้ทำงานบนที่สูงได้ครั้งแรกเมื่อเริ่มงานใหม่และไม่มีเงื่อนไข ซึ่งควรจะครอบคลุมถึงการตรวจสุขภาพดังนี้

1. ตรวจร่างกายทั่วไป น้ำหนัก ส่วนสูง ความดันโลหิต และชีพจร(General physical test)
2. ตาบอดสี (Color blindness)
3. สมรรถภาพการเห็นและการได้ยิน
4. ความแข็งแรงและความทนทานของกล้ามเนื้อ (Musculoskeletal) และ การทรงตัวและความไวของรีเฟล็กซ์ (Romberg test) ได้แก่ ขึ้นลงบันไดระยะทางประมาณ 10 เมตร ขึ้นลงบันไดมาตรฐาน 3 ชั้น ปีนป่ายบนโครงสร้าง ราวพื้นที่ปฏิบัติงานไม่สามารถจัดสิ่งระบบป้องกันการตกได้เช่นแพลตฟอร์ม ราวกันตก และจุดยึดเกี่ยว
5. ห้ามไม่เป็นโรคลมชักจากการปฏิบัติงานบนที่สูง เช่น โรคหลังความดันสูง โรคหูชั้นในอักเสบ โรคกล้ามเนื้อหัวใจขาดเลือด โรคความดันโลหิตสูง โรคเบาหวาน ความดันสูงหรือต่ำจากระบบประสาทอัตโนมัติ โรคหัวใจเต้นผิดจังหวะ โรคทางระบบหัวใจและหลอดเลือด ความผิดปกติทางระบบประสาทและไขสันหลัง โรคลมชัก การหายใจ และการใช้ยา เป็นต้น

งานเครื่องกล (Mechanical Work)

GULF

- งานบำรุงรักษาที่เกี่ยวกับ ก๊าซ หรือของเหลวที่แรงดัน ที่ 100 psi (6.8 บาร์) สูงกว่า หรือที่อุณหภูมิ 150 องศาฟาเรนไฮต์ (65 องศาเซลเซียส) สำหรับ สารไวไฟ สารเคมี หรือเชื้อเพลิง
- ก่อนการทำงานต้องมีการตรวจความถูกต้องของการตัดแยกแหล่งพลังงาน การระบายความร้อน การลดความดัน ภายในท่อ/ถัง เป็นที่เรียบร้อยแล้วก่อนทุกครั้ง





งานสลิง รอกและเครน (Slings, Rigging and Cranes Work)

GULF

- ผู้ปฏิบัติงานจะต้องส่งเอกสารการตรวจสอบปั้นจั่นโดยวิศวกรควบคุมเครื่องกล ตามที่กฎหมายกำหนด (แบบ ปจ. 2) ให้กับทางเจ้าหน้าที่โรงไฟฟ้า ตรวจสอบก่อนเริ่มปฏิบัติงาน ล่วงหน้า 7 วัน
- มีสำเนารายงานตามแบบ ปจ. 2 เก็บไว้ที่หน้างานตลอดเวลาที่ปฏิบัติงาน
- พนักงานขับรถเครน รถเฮี๊ยบ ต้องมีใบขับขี่ชนิดที่ 2 เป็นอย่างต่ำ และผ่านการฝึกอบรมโดย Cerlificate ต้องไม่หมดอายุ
- ให้ติดป้ายบอกพิกัดน้ำหนักยกไว้ที่ปั้นจั่น ปัดคำเตือนให้ระวังอันตรายและติดตั้งสัญญาณเตือนอันตรายให้ผู้บังคับปั้นจั่นเห็นได้ชัดเจน
- ต้องกั้นพื้นที่ปฏิบัติงานให้ปลอดภัยจากรัศมีของปั้นจั่นด้วยเทปขาวแดง
- จัดทำ Lifting Plan ประกอบงานยก





การตรวจปั้นจั่นชนิดเคลื่อนที่ก่อนการใช้งาน

GULF

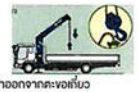
1.ผู้ควบคุมปั้นจั่นต้องผ่านการอบรมกฎความปลอดภัยและสัญญาณมือที่ใช้ในการเคลื่อนย้ายวัสดุ

2.ต้องมีการตรวจปั้นจั่นทุก 6 เดือนกรณีน้อยกว่า 3 ตัน ส่วนกรณีมากกว่า 3 ตัน ให้ตรวจทุก 3 เดือน ลงในแบบปจ.2

3.ห้ามผู้ปฏิบัติงานเกาะบนสิ่งของที่ยก

4.การใช้ปั้นจั่นชนิดที่มีการถ่วงน้ำหนักด้านท้าย ห้ามถ่วงเพิ่มจากที่กำหนด





ปลดสายลวดสลิงและนำออกจากตะขอเกี่ยว

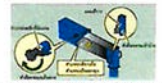


ไม่ควรใช้งานเครนโดยไม่ตั้งขาช้าง และอัตราการยกจะแตกต่างกันไปตามความกว้างคานเท้าช้าง

ทำการกั้นพื้นที่ทำงานให้ชัดเจน ผู้ไม่มีส่วนเกี่ยวข้องไม่ควรให้เข้ามาในบริเวณพื้นที่เพื่อป้องกันอุบัติเหตุ



ตั้งเครนบนพื้นที่ราบเรียบและได้ระดับและวางแผ่นรองขาช้างให้เหมาะสมกับสภาพพื้นดินใต้แผ่นรองขาช้าง



ปลดตัวล็อคลานเท้าช้างและยึดคานเท้าช้างออกจนสุด ตำแหน่งล็อคลานเท้าช้างคือตำแหน่งล็อคที่ชัดเจน

ข้อสังเกตขณะใช้งานปั้นจั่นชนิดเคลื่อนที่

GULF

เมื่อแขนบูมอยู่ด้านหน้าของพื้นที่ด้านขาข้างหรือด้านหน้าของตัวรถ ไม่ควรยกน้ำหนักเกินกว่า 1ใน 4 หรือ 25%ของพิกัดการยก



การยกน้ำหนักต้องไม่เกินพิกัดการยก คือ พิกัดการยกทั้งหมดระน้ำหนักพิกัดที่สามารถยกได้จริง+น้ำหนักตะขอเกี่ยวและอื่นๆ



ไม่ควรดึงน้ำหนักด้านข้างหรือแนวทะแยงบูม



ความมั่นคงของเครนจะลดลงเมื่อควบคุมเครนจากด้านหลังไปยังด้านหน้า



เมื่อมีลมพายุพัดแรงให้หยุดการใช้งานและเก็บแขนบูม



ก่อนทำการวิ่งให้เก็บแขนบูม,เก็บตะขอเกี่ยว,เก็บขาข้าง โดยล็อคตัวล็อคขาข้างและเก็บคานเท้าข้างให้สุด



ตัวอย่างที่ควรระวังในการใช้งานปั้นจั่นเคลื่อนที่

GULF



ต้องตรวจสอบสภาพของยางล้อรถต้องไม่ฉีกและมีน็อตยึด

1.เชือกหรือลวดสลิงจะต้องไม่ชำรุดหรือสึกหรอ
2. ตะขอและที่ล็อคต้องไม่บิดงอ, ปากถ่างหรือแตกร้าว





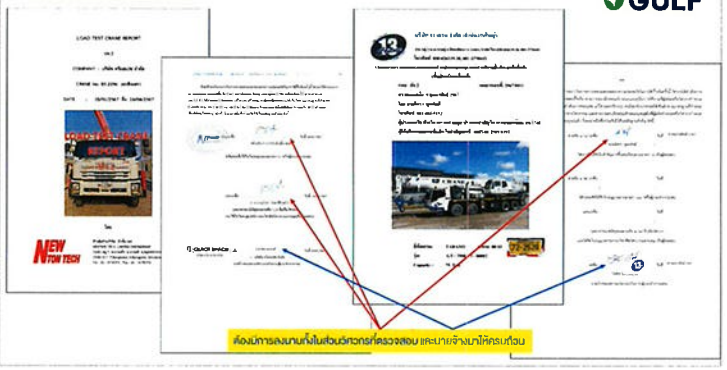
ต้องไม่มีน้ำมันรั่วจากตัวถังของรถยก

ต้องวางดีเบ้าช้างก่อนการยกทุกครั้งและเลือกพื้นที่วางดีเบ้าช้างต้องมั่นคงแข็งแรง



ตัวอย่างรายงาน ปจ.2

GULF



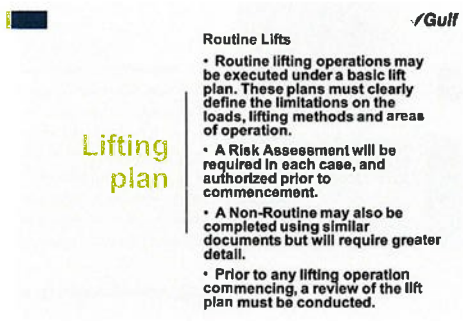
ตัวอย่างใบรับรองการอบรมเกี่ยวกับงานยก



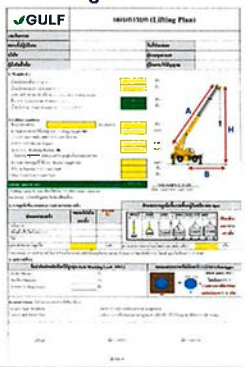


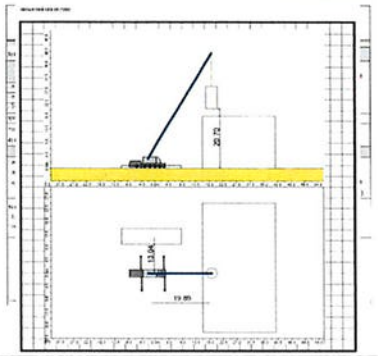
Certificate มีอายุ 2 ปี

การจัดทำ Lifting Plan

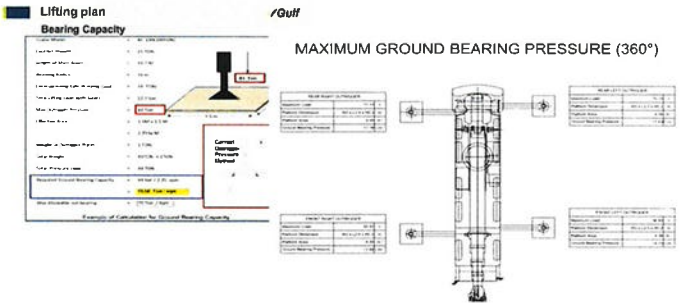


การจัดทำ Lifting Plan

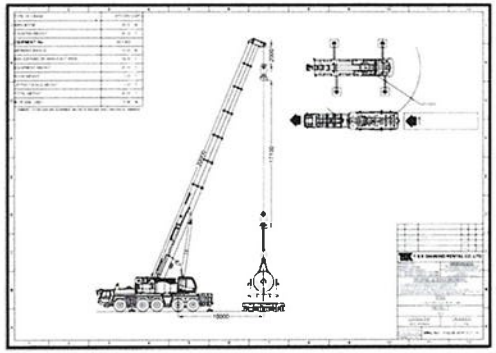




การจัดทำ Lifting Plan



การจัดทำ Lifting Plan



งานสลิง รอกและเครน (Slings, Rigging and Cranes Work)

- ผู้ปฏิบัติงานจะต้องส่งเอกสารการตรวจสอบปั้นจั่นโดยวิศวกรควบคุมเครื่องกล ตามที่กฎหมายกำหนด (แบบ ปจ. 2) ให้กับทางเจ้าหน้าที่โรงไฟฟ้า ตรวจสอบก่อนเริ่มปฏิบัติงาน ส่องหน้า 7 วัน
- มีสำเนารายงานตามแบบ ปจ. 2 เก็บไว้ที่หน้างานตลอดเวลาที่ปฏิบัติงาน
- พนักงานขับรถเครน รถเฮี๊ยบ ต้องมีใบขับขี่ชนิดที่ 2 เป็นอย่างต่ำ และผ่านการฝึกอบรมโดย Certificate ต้องไม่หมดอายุ
- ให้ติดป้ายบอกพิกัดน้ำหนักยกไว้ที่ปั้นจั่น ปัดค่าเตือนให้ระวังอันตรายและคิดตั้งสัญญาณเตือนอันตรายให้ผู้ปังคับปั้นจั่นเห็นได้ชัดเจน
- ต้องกั้นพื้นที่ปฏิบัติงานให้ปลอดภัยจากรัศมีของปั้นจั่นด้วยเทปขาวแดง
- จัดทำ Lifting Plan ประกอบงานยก

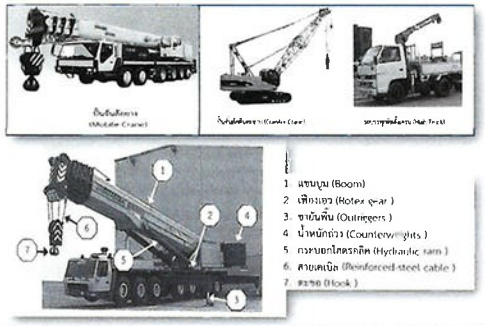






8. ระบบการขออนุญาตทำงาน (Permit to work)

ลักษณะของปั้นจั่นชนิดเคลื่อนที่



การตรวจปั้นจั่นชนิดเคลื่อนที่ก่อนการใช้งาน

1.ผู้ควบคุมปั้นจั่นต้องผ่านการอบรมกฎความปลอดภัยและสัญญาณมือที่ใช้ในการเคลื่อนย้ายวัสดุ
2.ต้องมีการตรวจปั้นจั่นทุก 6 เดือนกรณีน้อยกว่า 3 คัน ส่วนกรณีมากกว่า 3 คัน ให้ตรวจทุก 3 เดือน ลงในแบบปจ.2
3.ห้ามผู้ปฏิบัติงานเกาะบนสิ่งของที่ยก
4.การใช้ปั้นจั่นชนิดที่มีการถ่วงน้ำหนักด้านท้าย ห้ามถ่วงเพิ่มจากที่กำหนด



ปลดสายสลอตสลิงและนำออกจากตะขอเกี่ยว



ไม่ควรใช้งานเครนโดยไม่ลั่งขาข้าง และอัตราการยกจะแตกต่างกันไปตามความกว้างกายเท้าช้าง

ข้อสังเกตขณะใช้งานปั้นจั่นชนิดเคลื่อนที่

เมื่อแขนบูมอยู่ด้านหน้าของพื้นที่ด้านขาข้างหรือด้านหน้าของตัวรถ ไม่ควรยกน้ำหนักเกินกว่า 1ใน 4 หรือ 25%ของพิกัดการยก



การยกน้ำหนักต้องไม่เกินพิกัดการยก คือ พิกัดการยกทั้งหมด=น้ำหนักพิกัดที่สามารถยกได้จริง+ น้ำหนักตะขอเกี่ยวและอื่นๆ



ไม่ควรดึงน้ำหนักด้านข้างหรือแนวกะแยงมุม



ความมั่นคงของเครนจะลดลงเมื่อควบคุมเครนจากด้านหลังไปยังด้านหน้า



เมื่อมีลมพายุพัดแรงให้หยุดการใช้งานและเก็บแขนบูม



ก่อนทำการวิ่งให้เก็บแขนบูม,เก็บตะขอเกี่ยว,เก็บขาข้าง โดยล็อคตัวล็อคขาข้างและเก็บคานเท้าช้างให้สุด



ตัวอย่างที่ควรระวังในการใช้งานปั่นจั่นเคลื่อนที่



ต้องตรวจสอบสภาพของยาง ล้อรถต้องไม่ฉีกและมีน็อตยึด



1.เชือกหรือลวดสลิงจะต้องไม่ชำรุดหรือสึกหรอ
2. ตะขอและที่ล็อคต้องไม่บิดงอ, ปากถ่างหรือแคร้าว

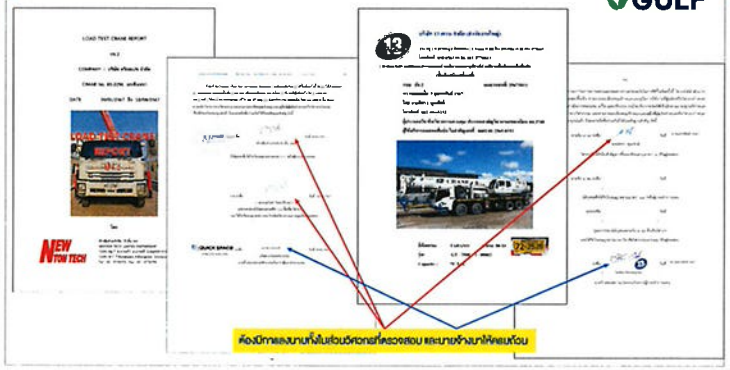


ต้องไม่มีน้ำมันรั่วจากตัวถังของรถยก



ต้องวางตีนช้างก่อนการยกทุกครั้งและเลือกพื้นที่วางตีนช้างต้องมั่นคงแข็งแรง

ตัวอย่างรายงาน ปจ.2



ตัวอย่างใบรับรองการอบรมเกี่ยวกับงานยก





Certificate มีอายุ 2 ปี

การจัดทำ Lifting Plan

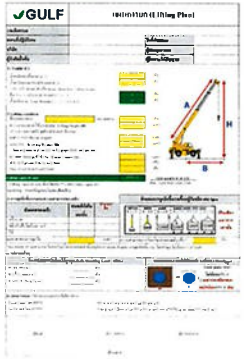
Gulf

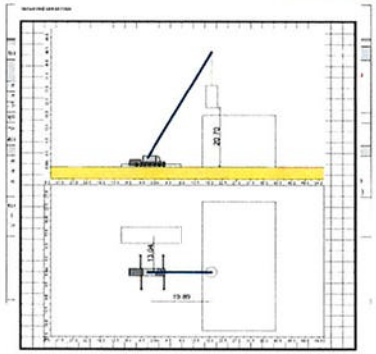
Routine Lifts

- **Routine lifting operations may be executed under a basic lift plan. These plans must clearly define the limitations on the loads, lifting methods and areas of operation.**
- **A Risk Assessment will be required in each case, and authorized prior to commencement.**
- **A Non-Routine may also be completed using similar documents but will require greater detail.**
- **Prior to any lifting operation commencing, a review of the lift plan must be conducted.**

Lifting plan

การจัดทำ Lifting Plan

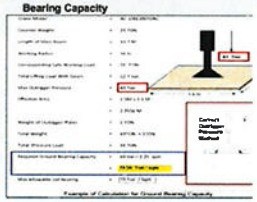




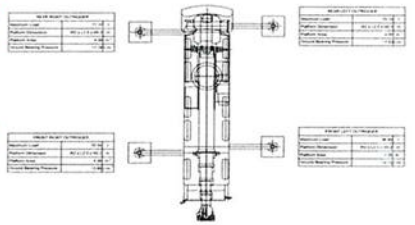
การจัดทำ Lifting Plan

Lifting plan

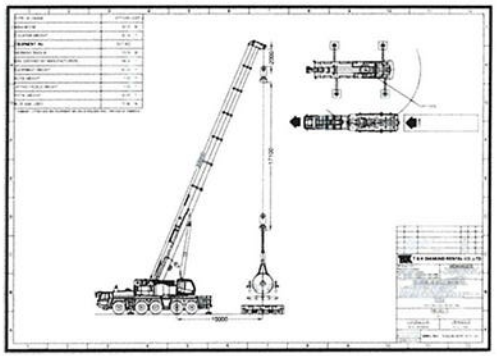
Bearing Capacity



MAXIMUM GROUND BEARING PRESSURE (360°)



การจัดทำ Lifting Plan



งานที่อับอากาศ (Confine space Work)

- ที่อับอากาศ หมายความว่า ที่ซึ่งมีทางเข้าออกจำกัดและการระบายอากาศไม่ เพียงพอที่จะทำให้อากาศภายในอยู่ในสภาพถูกสุขลักษณะและปลอดภัย หรืออย่างใดอย่างหนึ่ง เช่น Gas Turbine (Bellmouth), Demin Water Tank, HP & LP Steam Drums, Generators/Load Compartment เป็นต้น
- ต้องมีถังดับเพลิง และผ้าดับไฟไว้ในพื้นที่ปฏิบัติงาน.
- ต้องมีการตรวจวัดปริมาณออกซิเจน, ก๊าซไวไฟ < 10 % ก๊าซที่อาจเป็นอันตรายอื่น(ถ้ามี)ก่อนและระหว่างปฏิบัติงาน โดยผู้รับเหมา เป็นระยะๆ และให้เจ้าของงานเข้าตรวจสอบ
- กำหนดให้มีผู้เฝ้าระวัง ระหว่างการปฏิบัติงาน
- ผู้ปฏิบัติงานเซ็นชื่อเข้า-ออกที่อับอากาศทุกครั้ง









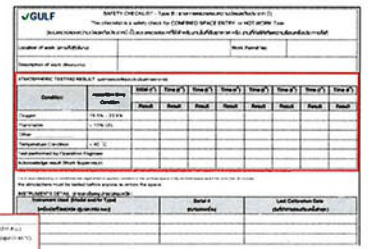
CONFINED SPACE TRAINED

มีทางเข้าออกจำกัด + มีการระบายอากาศไม่เพียงพอ

ระบบการขออนุญาตทำงานในงานที่อับอากาศ (PTW for Confine space Work)

▶ "ใบอนุญาตการทำงานที่อับอากาศ"
ใช้กับงานที่เข้าไปทำกับบรรยากาศที่อันตราย
(Confined space entries work permit)





ระบบการขออนุญาตทำงานในงานที่อับอากาศ (PTW for Confine space Work)

GULF





งานที่อับอากาศ (Confine space Work)

GULF

- ผู้ปฏิบัติงานต้องผ่านการอบรมเรื่องการทำงานในที่อับอากาศตามตำแหน่งหน้าที่ ได้แก่
  1) ผู้อนุญาต 2) ผู้ควบคุมงาน 3) ผู้ช่วยเหลือ 4) ผู้ปฏิบัติงาน
- ผู้ที่ปฏิบัติงานในที่อับอากาศ ต้องมีใบรับรองแพทย์สำหรับการปฏิบัติงานในที่อับอากาศ รับรองโดยแพทย์อาชีวเวชศาสตร์ และใบรับรองแพทย์มีอายุไม่เกิน 6 เดือน



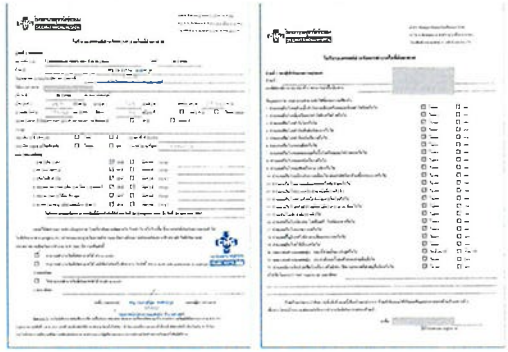
ตัวอย่างใบรับรองแพทย์ในที่อับอากาศ

GULF



ตัวอย่างใบรับรองแพทย์ในที่อับอากาศ

GULF



Confined spaces rescue plan

GULF







8. ระบบการขออนุญาตทำงาน (Permit to work)

GULF

1.4 เอกสารการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)

- ก่อนการปฏิบัติงานในการทำงานในงานทุกประเภทที่การขออนุญาตการทำงานต้องมีเอกสารการวิเคราะห์งานเพื่อความปลอดภัย(JSA)แบบมาด้วยทุกครั้งในการขออนุญาตการทำงาน และต้องมีการทบทวนขั้นตอนการทำงานก่อนการเริ่มทำงานทุกครั้งในการทำงาน





GULF

3.9

แผนควบคุมภาวะฉุกเฉิน

3.9 แผนควบคุมภาวะฉุกเฉิน

GULF

การเตรียมความพร้อมกรณีเกิดเหตุการณ์ฉุกเฉิน

- กรณีฉุกเฉิน หมายถึง กรณีเกิดไฟ ไหม้ ระเบิด ก๊าซรั่ว และเกิดอุบัติเหตุรุนแรง
- วิธีการปฏิบัติตัวในกรณีฉุกเฉิน
  1. ตะโกนบอกให้เพื่อร่วมงานทราบหรือใช้วิทยุสื่อสารและรีบกดสัญญาณแจ้งเหตุฉุกเฉิน
  2. ระงับเหตุด้วยอุปกรณ์ที่มีอยู่ เช่น ถังดับเพลิง
  3. แจ้งหัวหน้างานและหรือผู้ควบคุมงานของบริษัทฯ ทันที
     - เหตุเกิดที่ไหน
     - เหตุเกิดเมื่อไหร่
     - มีผู้ได้รับบาดเจ็บ/อันตรายหรือไม่
     - ใครเป็นผู้รายงาน
  4. หยุดการทำงานชั่วคราว
  5. เตรียมอพยพไปยังจุดรวมพล



3.9 แผนควบคุมภาวะฉุกเฉิน

GULF

ขั้นตอนการอพยพหนีไฟ

1. เมื่อได้ยินเสียงสัญญาณเตือนภัย ให้หยุดทำงานทันที
2. ห้ามใช้ลิฟท์เด็ดขาด เพราะไฟ ไหม้จะทำให้ระบบไฟฟ้าใช้การไม่ได้ ส่งผลให้ผู้หนีไฟติดอยู่ในลิฟท์
3. ไปยังจุดรวมพล ทางทิศเหนือลมตามเส้นทางฉุกเฉินที่กำหนดไว้
4. ให้ใช้บันไดหนีไฟ หรือทางออกหนีไฟ ในการอพยพไปยังจุดรวมพล
5. เดินเร็วหรือหมอบคลานต่ำเป็นแถวเรียงเดี่ยว ห้ามดึง ห้ามดัน ห้ามผลัก ห้ามแซง





3.9 แผนควบคุมภาวะฉุกเฉิน

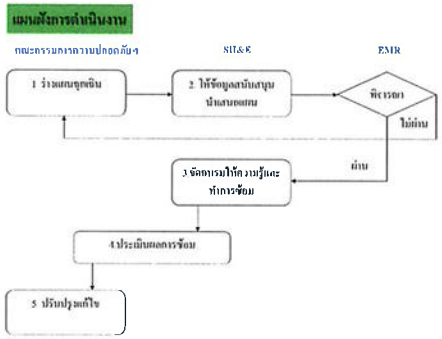
GULF

การปฏิบัติเมื่อเกิดอุบัติเหตุ

1. ทำการปฐมพยาบาลเบื้องต้น
2. นำผู้บาดเจ็บเข้ารับการรักษาที่อาคารสำนักงานหรือหากร้ายแรงให้ยืมนำตัวส่ง โรงพยาบาลที่ใกล้ที่สุด
3. แจ้งหัวหน้างานหรือผู้จัดการส่วนงานและเจ้าหน้าที่ความปลอดภัยฯ ทันที

9. แผนควบคุมภาวะฉุกเฉิน

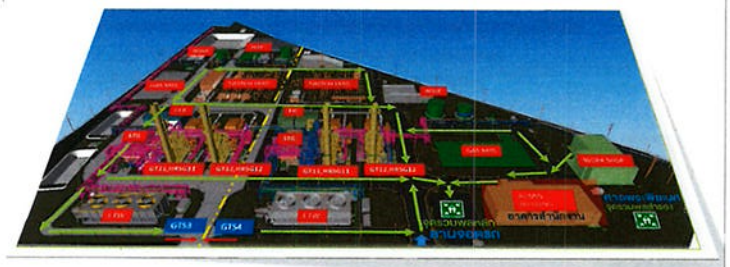
GULF



9. แผนควบคุมภาวะฉุกเฉิน

ตัวอย่าง

GULF



9. แผนควบคุมภาวะฉุกเฉิน

GULF

ประเภทของไฟ

NFPA (National Fire Protection Association)



9. แผนควบคุมภาวะฉุกเฉิน

GULF

การแบ่งประเภทของเพลิง

- มาตรฐาน ของแบ่งประเภทของไฟ ดังนี้
- ประเภท A คือ เพลิงที่เกิดจากวัสดุไหม้ไฟทั่วไป อาทิเช่น เชื้อเพลิง ไม้,กระดาษ,ผ้า ยาง เป็นต้น มีสัญลักษณ์ เป็นเครื่องหมาย สามเหลี่ยม พื้นสีเขียว ตัวอักษร A สีดำ



9. แผนควบคุมภาวะฉุกเฉิน

GULF

การแบ่งประเภทของเพลิง (ต่อ)

- ประเภท B คือ เพลิงที่เกิดจากสารเชื้อเพลิงที่เป็นของเหลว และแก๊ส อาทิเช่น น้ำมัน ปิโตรเลียม สีพ่นรถยนต์ เป็นต้น
- มีสัญลักษณ์ เป็นเครื่องหมาย สี่เหลี่ยม พื้นสีแดง ตัวอักษร B สีดำ



9. แผนควบคุมภาวะฉุกเฉิน

GULF

การแบ่งประเภทของเพลิง (ต่อ)

- ประเภท C คือเพลิงที่เกิดจากอุปกรณ์ไฟฟ้าที่มีกระแสไฟฟ้าไหลอยู่
- มีสัญลักษณ์เป็นเครื่องหมายวงกลม พื้นสีฟ้า ตัวอักษร C สีดำ



9. แผนควบคุมภาวะฉุกเฉิน

GULF

การแบ่งประเภทของเพลิง (ต่อ)

- ประเภท D คือ เพลิงที่เกิดจากโลหะติดไฟ เช่น แมกนีเซียม ลิเทียม โซเดียม เป็นต้น
- มีสัญลักษณ์เป็นเครื่องหมายรูปดาว พื้นสีเหลือง ตัวอักษร D สีดำ



9. แผนควบคุมภาวะฉุกเฉิน

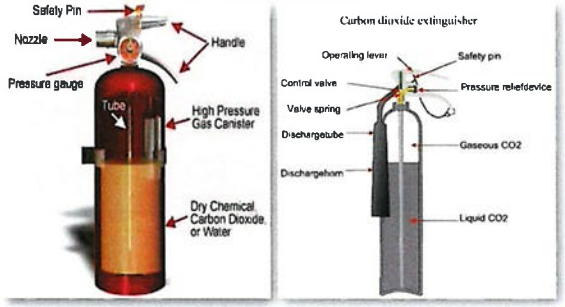
GULF

การใช้ถังดับเพลิงชนิดหิ้วถือ



GULF

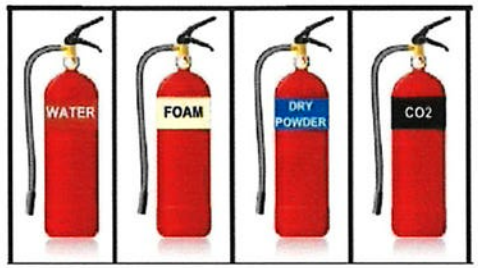
การใช้ถังดับเพลิงชนิดหิ้วถือ (ต่อ)



GULF

ถังดับเพลิงชนิดหิ้วถือ (ต่อ)

1. เครื่องดับเพลิงชนิดน้ำ
2. CO2
3. ผงเคมีแห้ง
3. โฟม



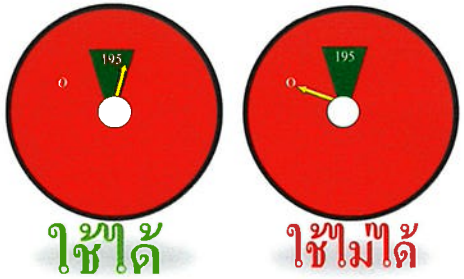
GULF

การตรวจสอบถังดับเพลิง



GULF

ภาพแสดงเกจ์วัดแรงดันเครื่องดับเพลิง



GULF

การใช้เครื่องดับเพลิง

1.ดึง



GULF

การใช้เครื่องดับเพลิง

2.ปลด



GULF

การใช้เครื่องดับเพลิง

3.กด



GULF

การใช้เครื่องดับเพลิง

4.ส่าย



GULF

ข้อเตือน



เข้าทางทิศเหนือลม



ส่ายหัวฉีดไปมาในแนวนอนเพื่อกลุมไฟ



อย่าเดินย่ำเข้าไปในพื้นที่ที่มีเชื้อเพลิงอยู่ถึงแม้ว่าไฟจะดับแล้วก็ตาม

GULF



ข้อควรระวัง

เมื่อฉีดดับเพลิงได้แล้ว **ห้าม** เดินหันหลังให้ไฟ ให้ถอยหลังเท่านั้น **อย่าลืมว่า** ผงเคมีแห้ง ไม่ได้ลดอุณหภูมิของเชื้อเพลิง ไฟอาจจะลุกติดขึ้นมาอีกก็ได้

GULF



คำเตือน

ถังดับเพลิงเมื่อใช้งานแล้วให้รีบนำไปอัดบรรจุใหม่ทันที เพื่อให้มีพร้อมใช้งานตลอดเวลา

GULF

3.10

กฎระเบียบด้านความปลอดภัยฯ

กฎระเบียบความปลอดภัยทั่วไป (Safety rule)

GULF

- ต้องผ่านการอบรมด้านความปลอดภัยจากเจ้าหน้าที่ความปลอดภัยของโรงไฟฟ้า
- กรณีผ่านการอบรมความปลอดภัยแล้ว และอยู่ในระหว่างรอรับบัตรใหม่ จะอนุญาตให้เข้างานได้ โดยต้องแลกบัตร Contractorที่ประตู Main Gate
- แต่งกายสุภาพ รัดกุม โดยถือหลักความปลอดภัย
- สวมใส่PPE ขั้นต่ำตามที่โรงไฟฟ้ากำหนดตลอดเวลาขณะปฏิบัติงาน หรืออยู่ในพื้นที่โรงไฟฟ้า
- ห้ามนำอาวุธ วัตถุระเบิดเข้ามาในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามบุคคลที่ดื่มสุรา หรือนำสุราเข้ามาดื่ม / ห้ามใช้สาร ยาเสพติด / ห้ามเล่นการพนันในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามนำเด็กที่อายุต่ำกว่า 18 ปี เข้ามาทำงานในเขตพื้นที่ของโรงไฟฟ้า
- ห้ามเข้าเขตพื้นที่ต้องห้าม ก่อนได้รับอนุญาตโดยเด็ดขาด ยกเว้นได้รับอนุญาตจากเจ้าหน้าที่ของโรงไฟฟ้า
- ห้ามถ่ายรูปในพื้นที่ที่ไม่ได้รับอนุญาต ยกเว้นได้รับอนุญาตจากเจ้าหน้าที่ของโรงไฟฟ้า
- ห้ามสูบบุหรี่นอกเหนือเขตพื้นที่กำหนด







บทลงโทษกรณีไม่ปฏิบัติตามกฎระเบียบความปลอดภัย

GULF

❖ พนักงานกัลฟ์ทุกคนมีสิทธิสั่งหยุดงานหรือห้ามผู้รับเหมาทำงานได้ทันทีโดยมิต้องรับผิดชอบความเสียหายที่อาจเกิดขึ้นต่อผู้รับเหมา ในกรณีดังต่อไปนี้

- พบผู้รับเหมาไม่สวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลที่กำหนด
- ทำผิดกฎระเบียบด้านความปลอดภัยและสิ่งแวดล้อม เช่น สูบบุหรี่ในพื้นที่ห้ามสูบ,ไม่ติดบัตรประจำตัวผู้รับเหมา,ขับรถเร็วเกินที่กำหนด,ทิ้งขยะโดยไม่มีการคัดแยกประเภท เป็นต้น
- พบการกระทำที่ไม่ปลอดภัยหรือสภาพงานที่ไม่ปลอดภัย ที่อาจก่อให้เกิดอุบัติเหตุอันตราย เช่น ไม่มีผ้ากันไฟในการทำงานในงานเชื่อม ,ทำงานบนที่สูงโดยไม่สวมใส่เข็มขัดนิรภัยชนิดเต็มตัว, อุปกรณ์ไฟฟ้าไม่ได้มาตรฐานแต่ยังมีการใช้งานเป็นต้น
- ไม่ปฏิบัติตามข้อกำหนดที่ระบุในใบอนุญาตทำงาน เช่น ไม่เซนต์ชื่อลงในใบบันทึกบุคคลเข้า-ออกในที่อับอากาศ เป็นต้น

บทลงโทษกรณีไม่ปฏิบัติตามกฎระเบียบความปลอดภัย

GULF

❖ ทางบริษัทมีสิทธิ์ที่จะดำเนินการได้ดังนี้

- ครั้งที่ 1 ตักเตือนด้วยวาจาและแจ้งให้หัวหน้างานทราบทันที
- ครั้งที่ 2 ตักเตือนเป็นลายลักษณ์อักษรแก่บริษัทผู้รับเหมา
- ครั้งที่ 3 พิจารณาหยุดจ้างบริษัท







GULF

ไม่ว่าใครก็ตาม

ความปลอดภัยฯ เป็นหน้าที่ของทุกคน

ไม่ว่าเมื่อไหร่

อุบัติเหตุก็เป็น 0

Awards and Recognition

GULF

องค์กร rganization

T-VER

Intertek

Intertek

GULF

Thank You

ภาคผนวก ข.2-11

ผลการตรวจวัดคุณภาพน้ำแบบอัตโนมัติ

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
01-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.24	26.97	1247.86	17.52
01-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.95	24.65	1190.45	9.27
02-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
03-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.54	32.52	1255.60	9.55
03-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
06-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.37	29.42	1467.61	17.69
06-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.25	27.85	1684.84	9.81

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
08-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jan-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 20:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 21:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 22:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
09-Jan-25 23:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
10-Jan-25 00:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
10-Jan-25 01:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
10-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.40	32.43	1395.54	17.88
10-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
11-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.32	29.89	1504.79	9.60
13-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
14-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.49	30.83	1412.93	10.36
14-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.56	29.60	1440.78	17.73
15-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.27	29.01	1484.27	9.18
16-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
16-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.32	29.68	1508.58	17.73
18-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
19-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.47	29.82	1488.95	9.77
20-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
22-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.49	32.34	1480.06	9.46
22-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.54	31.11	1468.34	17.61
22-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.52	29.46	1430.22	17.10
24-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
24-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.40	29.90	1393.63	9.17
24-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.41	30.98	1364.43	17.83
26-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
27-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.79	20.54	1521.11	9.23
28-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.50	30.42	1261.27	17.94
29-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.39	28.84	1400.45	9.45
29-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
29-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.53	30.63	1243.68	17.85
31-Jan-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Jan-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.47	28.67	1224.84	9.69
31-Jan-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
Min	0.00	0.00	0.00	0.00	6.79	20.54	1190.45	9.17
Max	0.00	0.00	0.00	0.00	7.56	32.52	1684.84	17.94
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	7.37	29.34	1403.19	13.25
01-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
01-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.49	31.14	1214.70	9.71
01-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
04-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.39	31.28	1264.92	17.81
04-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
06-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.44	33.13	1326.76	9.68
07-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.43	31.82	1338.42	17.69
07-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
09-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.58	31.74	1547.95	17.68
11-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
11-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.13	26.20	874.30	9.87
12-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.42	33.09	720.12	15.40
12-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.65	30.97	463.35	9.94
12-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.70	29.80	433.37	18.30
12-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.67	28.57	411.23	18.14
13-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.61	28.10	406.58	17.65
13-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.56	27.35	410.42	9.84
13-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
14-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
17-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 12:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
18-Feb-25 13:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
18-Feb-25 14:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
18-Feb-25 15:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
18-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
19-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.45	29.72	1275.63	9.84
20-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.58	31.37	1234.34	17.92
22-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.43	33.06	1311.31	9.79

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
22-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.25	30.32	1111.75	9.35
22-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.74	32.50	1134.69	9.59
23-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
25-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.83	31.42	1113.78	18.05
25-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
27-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.84	32.34	1243.84	18.06
27-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Feb-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
Min	0.00	0.00	0.00	0.00	7.13	26.20	406.58	9.35
Max	0.00	0.00	0.00	0.00	7.84	33.13	1547.95	18.30
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	7.54	30.73	991.44	13.91
01-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.724	31.584	1091.107	17.638
01-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.597	33.462	1268.712	9.743
01-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.887	33.193	1301.776	17.859
01-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
02-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.72	32.49	1189.37	9.99
03-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
04-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.63	31.83	1165.67	17.44
06-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
07-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.67	31.89	1283.95	9.92
08-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
10-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.91	32.84	1426.58	10.02
10-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.92	32.84	1381.21	17.89
10-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
12-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.48	31.45	1198.81	18.00
13-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.47	30.66	1327.01	9.75
13-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.22	24.58	1189.48	17.63
13-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.56	29.19	1295.88	9.83
13-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.45	31.30	1542.18	17.06
15-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
15-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	8.03	33.59	1615.49	15.19
15-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.96	33.21	1643.48	9.85
15-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.58	32.90	1506.80	9.61
16-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
17-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
20-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.71	23.61	1358.89	18.18
21-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.66	22.54	1474.05	9.64
21-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.50	24.75	1513.89	9.29
21-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.65	22.69	1304.93	17.63
22-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
23-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.52	29.86	1389.26	17.83
23-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.39	26.86	1466.92	9.55
24-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
25-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.39	29.84	1378.10	18.10
26-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.53	32.09	1293.74	9.99
27-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.21	27.10	1436.93	9.20
28-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
28-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.67	32.91	1453.26	18.08
29-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.96	27.08	1400.29	9.41
30-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
31-Mar-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.04	28.30	1464.50	9.35
31-Mar-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-Mar-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
Min	0.00	0.00	0.00	0.00	6.96	22.54	1091.11	9.20
Max	0.00	0.00	0.00	0.00	8.03	33.59	1643.48	18.18
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	7.57	29.81	1370.08	13.35
01-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.92	27.79	1448.91	9.63
01-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
01-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.50	30.63	1450.84	9.38
01-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.15	31.96	1068.23	10.27
02-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.14	30.99	1100.70	18.41
02-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.16	30.13	1141.57	17.72
02-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.08	29.60	1055.52	9.94
03-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
04-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.35	32.36	1228.84	17.42
04-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.74	27.27	1264.53	9.37
05-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
06-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.46	32.31	1523.71	9.90
06-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.52	31.20	1517.24	9.85
06-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.76	28.48	1507.64	9.24
07-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.24	32.84	1710.41	17.50
08-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.09	31.44	1802.41	9.78
08-Apr-25 21:00:00	7.76	31.50	2481.93	211.83	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 22:00:00	7.61	31.24	2412.67	213.60	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Apr-25 23:00:00	7.54	31.03	2402.53	212.94	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 00:00:00	7.52	31.04	2401.81	212.24	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 01:00:00	7.50	30.84	2420.54	212.01	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 02:00:00	7.51	30.69	2452.37	212.79	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 03:00:00	7.48	30.54	2489.00	213.07	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.79	28.80	1614.96	9.39
09-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
09-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 19:00:00	7.49	32.05	2409.93	345.06	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 20:00:00	7.53	30.63	2354.92	342.78	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 21:00:00	7.53	30.26	2337.75	343.75	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 22:00:00	7.49	28.96	2329.54	345.55	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Apr-25 23:00:00	7.44	29.47	2323.67	344.14	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 00:00:00	7.38	29.04	2286.87	346.19	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 01:00:00	7.36	27.84	2273.98	343.93	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 02:00:00	7.35	27.75	2265.72	342.61	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 03:00:00	7.33	27.66	2264.22	343.32	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 04:00:00	7.31	27.54	2235.41	343.41	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 05:00:00	7.29	27.58	2223.50	343.52	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 06:00:00	7.25	27.07	2212.63	343.92	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 07:00:00	7.23	26.98	2186.81	344.12	6.72	25.57	1554.44	9.41
10-Apr-25 08:00:00	7.22	28.86	2179.53	341.09	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 09:00:00	7.24	31.03	2171.73	343.82	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 10:00:00	7.25	33.31	2151.89	343.00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 16:00:00	7.70	33.03	2396.23	344.34	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 17:00:00	7.80	32.36	2440.56	342.88	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 18:00:00	7.83	31.13	2432.63	342.80	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 19:00:00	7.74	27.24	2426.43	230.71	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 20:00:00	7.57	26.68	2323.06	231.48	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 21:00:00	7.49	26.60	2323.06	229.38	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 22:00:00	7.47	26.77	2323.06	228.84	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Apr-25 23:00:00	7.42	26.70	2323.06	229.18	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 00:00:00	7.39	26.63	2323.06	229.86	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 01:00:00	7.37	26.50	2323.06	230.04	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 02:00:00	7.66	30.55	2472.90	230.17	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 03:00:00	7.59	30.20	2444.50	227.80	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 04:00:00	7.54	30.16	2458.24	229.17	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 05:00:00	7.46	30.05	2475.37	228.88	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 06:00:00	7.38	29.75	2460.92	229.73	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 07:00:00	7.33	30.12	2448.71	229.34	7.33	28.32	1435.09	10.10
11-Apr-25 08:00:00	7.30	30.42	2471.75	229.05	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 09:00:00	7.29	31.49	2456.89	228.75	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 10:00:00	7.35	31.64	2421.00	229.24	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 11:00:00	7.41	32.80	2401.80	229.76	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 15:00:00	7.79	33.37	2333.89	228.01	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 17:00:00	7.99	33.17	2309.45	117.98	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 18:00:00	7.85	31.24	2282.68	230.00	7.55	32.86	1739.33	17.86
11-Apr-25 19:00:00	7.78	29.80	2320.65	226.72	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 20:00:00	7.54	26.43	2406.09	227.61	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 21:00:00	7.80	26.03	2427.10	228.77	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 22:00:00	7.75	25.49	2429.61	227.51	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Apr-25 23:00:00	7.79	25.42	2381.46	226.06	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 00:00:00	7.77	25.78	2379.90	226.89	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
12-Apr-25 01:00:00	7.72	26.20	2385.75	227.98	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 02:00:00	7.69	26.25	2400.87	227.87	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 03:00:00	7.65	26.02	2406.25	227.87	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 04:00:00	7.63	26.08	2401.23	228.38	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 05:00:00	7.60	26.25	2334.83	225.57	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 06:00:00	7.56	26.39	2421.14	227.88	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 07:00:00	7.52	27.02	2421.08	226.65	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 08:00:00	7.32	30.50	2422.63	226.86	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 09:00:00	7.18	33.44	2424.34	213.59	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 18:00:00	8.56	33.15	2453.05	224.83	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 19:00:00	8.51	31.51	2445.70	224.16	7.45	33.40	1742.31	17.92
12-Apr-25 20:00:00	8.44	28.04	2445.70	225.13	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 21:00:00	8.55	32.02	2422.64	225.01	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 22:00:00	8.49	31.74	2410.66	223.53	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Apr-25 23:00:00	8.30	31.64	2411.71	224.68	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 00:00:00	8.09	31.35	2408.69	224.36	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 01:00:00	7.89	31.15	2445.21	222.02	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 02:00:00	7.73	31.10	2441.25	223.43	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 03:00:00	7.59	30.90	2388.75	223.38	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 04:00:00	7.47	30.75	2416.32	224.44	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 05:00:00	7.36	30.40	2402.06	223.77	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 06:00:00	7.28	30.28	2416.66	221.31	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 07:00:00	7.19	30.67	2404.88	222.94	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 08:00:00	7.12	31.36	2424.68	223.25	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 09:00:00	7.18	31.82	2415.71	222.66	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 10:00:00	7.32	32.60	2406.02	223.62	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 11:00:00	7.41	33.55	2397.82	191.12	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.48	32.33	1896.08	9.71
13-Apr-25 19:00:00	8.45	30.61	2467.96	223.04	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 20:00:00	8.35	29.76	2474.58	221.68	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 21:00:00	8.30	29.34	2400.67	223.22	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 22:00:00	8.01	31.99	2397.84	221.75	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Apr-25 23:00:00	7.78	31.96	2430.41	221.50	6.95	28.49	1828.80	9.38
14-Apr-25 00:00:00	7.54	31.50	2379.06	221.64	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 01:00:00	7.37	31.38	2416.69	222.20	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 02:00:00	7.26	30.93	2424.35	220.80	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 03:00:00	7.18	30.34	2408.45	219.71	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 04:00:00	7.12	30.16	2421.03	221.27	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 05:00:00	7.06	30.01	2418.73	222.03	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 06:00:00	7.00	29.79	2423.18	220.32	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 07:00:00	6.89	29.52	2505.04	0.49	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 08:00:00	6.82	28.40	2458.19	220.16	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 09:00:00	6.90	28.83	2408.80	220.01	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 10:00:00	6.96	28.01	2416.53	220.40	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 11:00:00	7.18	31.97	2385.13	220.23	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
14-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.88	27.65	1787.10	17.42
16-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.95	27.89	1825.92	9.83
16-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.44	32.43	477.10	21.30
16-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.44	27.04	485.06	20.72
16-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.42	25.74	478.63	21.02
16-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.40	25.51	499.06	20.72
16-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.33	26.08	531.18	15.36
16-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.99	24.81	622.89	9.55

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
17-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.06	32.56	573.49	10.17
17-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.29	33.38	653.15	18.53
17-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.54	33.36	446.47	19.20
17-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.32	32.82	458.55	18.45
17-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.23	30.52	504.68	10.51
17-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.34	29.43	478.90	18.64
17-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.25	30.52	1165.16	10.12
19-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
19-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.61	33.39	1210.42	10.42
21-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.62	32.31	1216.73	17.98
21-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
22-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Apr-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.35	28.85	1437.14	9.94
23-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.03	27.29	1518.36	9.92
23-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 20:00:00	7.01	32.22	1326.55	359.24	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Apr-25 23:00:00	8.29	29.83	2007.28	333.70	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 00:00:00	8.24	29.03	2032.46	335.89	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 01:00:00	8.22	28.44	2034.08	335.66	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 02:00:00	8.22	27.91	2036.57	334.18	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 03:00:00	8.21	27.76	2056.84	335.48	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 04:00:00	8.20	27.28	2057.13	332.52	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 05:00:00	8.20	27.09	2056.46	334.92	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 06:00:00	8.20	26.83	2060.18	332.44	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 07:00:00	8.17	28.43	2060.50	335.62	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 08:00:00	8.06	31.71	2054.94	334.69	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.32	33.37	1443.10	10.08
24-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Apr-25 16:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 17:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 18:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 19:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 20:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 21:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 22:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
24-Apr-25 23:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
25-Apr-25 00:00:00	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout	I/O Timeout
25-Apr-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
25-Apr-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 20:00:00	7.84	33.09	2113.71	336.76	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 21:00:00	7.88	32.11	2111.24	336.62	7.50	32.98	1581.81	9.95
25-Apr-25 22:00:00	7.82	31.23	2116.01	337.68	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Apr-25 23:00:00	7.79	30.73	2115.98	336.05	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 00:00:00	7.78	30.35	2120.55	337.14	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 01:00:00	7.76	29.77	2134.59	335.85	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 02:00:00	7.86	29.38	2137.10	336.61	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 03:00:00	7.87	28.98	2132.28	334.76	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 04:00:00	7.87	28.54	2138.53	335.38	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 05:00:00	7.88	28.66	2140.38	335.58	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 06:00:00	7.88	28.46	2142.16	333.58	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 07:00:00	7.89	29.70	2143.15	335.39	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 08:00:00	7.67	32.65	2140.66	334.47	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 19:00:00	7.74	32.90	2157.10	336.58	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 20:00:00	7.76	30.11	2157.98	336.11	7.53	31.61	1704.03	9.78
26-Apr-25 21:00:00	7.70	29.72	2160.49	335.61	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 22:00:00	7.69	29.27	2166.37	336.32	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Apr-25 23:00:00	7.69	28.56	2169.96	335.90	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 00:00:00	7.78	23.00	2192.99	338.58	7.14	26.36	1665.13	9.39
27-Apr-25 01:00:00	7.67	22.75	2171.41	335.30	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 02:00:00	7.61	23.21	2172.29	333.20	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 03:00:00	7.62	23.64	2168.62	334.52	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 04:00:00	7.60	23.98	2146.48	335.55	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 05:00:00	7.67	24.34	2139.40	333.55	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 06:00:00	7.69	24.99	2119.59	333.12	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 07:00:00	7.62	26.97	2097.70	336.33	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 08:00:00	7.57	31.15	2093.42	336.93	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 09:00:00	7.55	33.40	2097.07	336.67	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Apr-25 10:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 11:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 12:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
27-Apr-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 20:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 21:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 22:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
27-Apr-25 23:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 00:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 01:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 02:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 03:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 04:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 05:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 06:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 07:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 08:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 09:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 10:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 11:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 12:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 13:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 14:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 15:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 16:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 17:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 18:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 19:00:00	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail	Comm Fail
28-Apr-25 20:00:00	7.52	25.17	2079.46	330.90	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Apr-25 21:00:00	7.50	25.40	2007.46	330.32	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Apr-25 22:00:00	7.47	25.50	989.90	333.86	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Apr-25 23:00:00	7.46	25.62	794.29	330.99	7.30	27.00	808.05	11.55
29-Apr-25 00:00:00	7.43	25.16	2101.51	331.49	7.27	26.94	687.15	19.29
29-Apr-25 01:00:00	7.43	24.73	2102.93	331.81	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 02:00:00	7.42	24.82	2105.76	331.35	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 03:00:00	7.41	24.92	2108.07	330.67	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 04:00:00	7.39	24.88	2109.18	331.27	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 05:00:00	7.39	24.89	2111.21	331.89	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 06:00:00	7.36	24.77	2115.81	329.25	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 07:00:00	7.40	24.83	2114.69	328.74	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 08:00:00	7.36	26.16	2115.38	329.70	6.86	27.60	681.44	3.06
29-Apr-25 09:00:00	7.08	27.56	2114.51	329.31	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 19:00:00	7.31	28.88	1197.16	331.10	7.44	33.10	522.94	19.55
29-Apr-25 20:00:00	7.41	27.13	1112.76	333.39	7.31	31.63	527.45	10.49
29-Apr-25 21:00:00	7.42	27.53	748.40	331.09	7.37	31.13	498.37	10.45
29-Apr-25 22:00:00	7.40	26.63	820.70	329.91	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Apr-25 23:00:00	7.39	26.39	855.21	326.77	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 00:00:00	7.39	26.64	440.46	328.05	7.26	29.19	507.01	19.06
30-Apr-25 01:00:00	7.39	26.82	1042.36	328.99	7.12	28.99	446.20	19.05
30-Apr-25 02:00:00	7.37	26.91	1104.27	327.32	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 03:00:00	7.38	26.76	753.87	328.30	7.50	28.79	529.97	18.02
30-Apr-25 04:00:00	7.37	26.78	1310.45	326.45	7.55	28.78	369.37	19.05
30-Apr-25 05:00:00	7.37	26.97	1316.34	328.54	7.42	28.60	361.91	10.58
30-Apr-25 06:00:00	7.35	26.96	2049.64	328.05	7.57	28.31	363.24	18.99
30-Apr-25 07:00:00	7.42	28.02	2047.74	327.79	7.32	28.89	377.98	10.17
30-Apr-25 08:00:00	7.33	31.63	2042.00	325.97	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
30-Apr-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 20:00:00	7.29	30.37	809.35	320.38	7.67	33.51	638.18	18.74
30-Apr-25 21:00:00	7.33	32.78	2136.86	316.35	7.64	32.43	594.11	18.18
30-Apr-25 22:00:00	7.31	31.21	2141.61	316.38	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Apr-25 23:00:00	7.29	30.27	2140.56	317.21	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
Min	6.82	22.75	440.46	0.49	6.50	24.81	361.91	3.06
Max	8.56	33.55	2505.04	359.24	7.67	33.51	1896.08	21.30
Average	7.59	28.97	2166.58	281.64	7.26	29.96	1039.81	13.75
01-May-25 00:00:00	7.29	29.50	2148.26	315.61	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.11	30.67	1863.45	15.40

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
02-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.67	29.24	1265.43	9.35
03-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.60	32.78	1565.03	10.01
04-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.68	31.90	1555.56	10.29
04-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
05-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.68	32.42	1621.73	9.62
05-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.15	31.26	1839.65	18.39
07-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	8.45	32.73	1050.80	10.57
07-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
08-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.17	28.26	768.16	10.87
08-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.47	31.78	968.47	9.92
09-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.48	30.90	977.56	18.00
09-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
10-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.35	26.92	551.91	10.37
11-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.29	27.42	392.90	19.20
11-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.22	26.89	346.11	19.19
11-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.34	26.76	300.46	19.10
11-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.29	26.73	296.06	19.04
11-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.18	27.16	303.39	10.57
11-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.05	27.99	300.35	18.75
11-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.85	28.98	303.54	18.67
11-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.85	25.83	472.89	8.84
13-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
13-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.27	33.18	863.64	18.15
15-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.79	32.02	1173.52	18.89
15-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
16-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.73	32.16	1400.65	18.52
17-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.63	31.06	1398.80	17.89
17-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
18-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.02	27.96	1436.23	18.87
20-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.36	31.22	1556.45	11.02
20-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.84	33.29	1626.31	18.68
20-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
21-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.15	27.47	1551.21	9.76
21-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.89	33.43	1598.16	18.25
22-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.79	32.20	1592.14	18.78
22-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
23-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.42	29.72	1592.12	11.10
24-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.41	26.90	1732.09	9.56
25-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.20	27.52	1617.04	18.57
26-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.38	30.66	1653.41	10.02
26-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
26-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.31	26.99	1678.21	10.19
26-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.27	29.05	1525.43	18.30
28-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.43	31.75	1692.66	10.06
28-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.47	31.99	1642.56	18.64
28-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
29-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.13	32.29	1724.41	9.42
29-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.45	28.05	1640.64	18.63
30-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.46	33.20	1599.89	10.17
30-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.36	26.80	1597.00	9.93
31-May-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
31-May-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
31-May-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.29	24.15	1681.04	9.40
Min	7.29	29.50	2148.26	315.61	6.27	24.15	296.06	8.84
Max	7.29	29.50	2148.26	315.61	8.45	33.43	1863.45	19.20
Average	7.29	29.50	2148.26	315.61	7.33	29.75	1245.64	14.26
01-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
01-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.23	31.86	1721.16	9.46
02-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
02-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
03-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
03-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.42	31.67	1647.23	18.60
04-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.41	32.19	1702.45	9.83
04-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
04-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
05-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
05-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.75	32.94	1765.17	18.72
06-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.83	32.14	1798.29	18.63
06-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
06-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
07-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
08-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
08-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.60	29.01	1595.86	9.54
09-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
09-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.72	32.84	1865.63	10.00
10-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.75	32.05	1867.53	18.55
10-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
10-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
11-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.58	31.66	1684.85	18.76
11-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
11-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
12-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
13-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
13-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.43	28.93	1595.46	18.69
14-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.46	31.02	1730.63	9.99
14-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
14-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
15-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.31	27.90	1636.21	9.95
16-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
16-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.68	31.71	1909.37	9.86
16-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
16-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
17-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
18-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.43	29.64	1530.78	18.75
19-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.36	29.28	1779.96	9.70

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
19-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
19-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.57	32.68	1677.44	18.77
20-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.54	31.22	1717.69	18.61
20-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
20-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
21-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
21-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
22-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.31	28.08	1583.52	18.55
23-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
23-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
24-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
24-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.54	33.11	1690.41	18.61
25-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.45	32.67	1708.29	9.90
25-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
25-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	6.94	28.88	1787.98	9.51
26-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
26-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
26-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
27-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.46	29.69	1758.78	10.92
28-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.65	32.99	1634.25	18.39
28-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
28-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation

ผลการตรวจวัดค่า pH,Temp และ Conduct แบบต่อเนื่องในบ่อพักน้ำหล่อเย็นระหว่างเดือนมกราคม - มิถุนายน 2568

	COOLING WATER HOLDING POND				WASTE WATER HOLDING POND			
Tag	GU1:90QUA01AX101-AI02	GU1:90QUA01AX101-AI04	GU1:90QUA01AX101-AI01	GU1:90GNY01CF105	GU1:90QUY91GZ002-AI02	GU1:90QUY91GZ002-AI04	GU1:90QUY91GZ002-AI01	GU1:90GMB01CF105
Name	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW	pH	TEMPERATURE	CONDUCTIVITY	DISCHARGE FLOW
Unit	-	degC	uS/cm	m3/h	-	degC	uS/cm	m3/h
29-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	7.51	27.57	1679.04	9.87
29-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
29-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 00:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 01:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 02:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 03:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 04:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 05:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 06:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 07:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 08:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 09:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 10:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 11:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 12:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 13:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 14:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 15:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 16:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 17:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 18:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 19:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 20:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 21:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 22:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
30-Jun-25 23:00:00	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation	Re-Circulation
Min	0.00	0.00	0.00	0.00	6.60	27.57	1530.78	9.46
Max	0.00	0.00	0.00	0.00	7.83	33.11	1909.37	18.77
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	7.46	30.91	1711.17	14.26