ภาคผนวก ข.2-1

ตัวอย่างเงื่อนไขการสั่งจ้างผู้รับเหมาตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

GULF

ESMS Procedure

SHE Criteria for Supplier / Contractor Screening, Evaluation and Selection

Document Number:	**ESMS-ES-P-04**
Area of Applicability:	**Gulf Group Plant Facilities**
Responsible Center:	**SH&E Management**
Current Revision:	**1**
Current Revision Date:	**2 August 2021**

Reviewed By:

Approved By:

[redacted]

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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 1 October 2020	Initial Release	**Pitak Sangchot**
Revision 1 Dated 2 August 2021	- Added detail to Attachment-1 for safety personnel provision - Added Attachment-2_SHE contractor and supplier selection form	**Surasing Chamnansua**
Revision 2 Dated		
Revision 3 Dated		
Revision 4 Dated		
Revision 5 Dated		

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1 Purpose

1.1 To ensure that the supplier or contractor is assessed to meet the requirements of Gulf and therefore Gulf Environment, Health, Safety and Social Management System; ESMS.

1.2 To satisfy ourselves that the suppliers or contractors are capable of producing the required quality, whilst operating in accordance with the Occupational Health and Safety Act, Labour Act and International Labour Organisation (ILO) whist minimizing their impact on the environment.

1.3 To ensure that all suppliers or contractors who conduct undertaking on behalf of Gulf are competent to do so and hold the correct, valid documentation which meets the legal obligations.

2 Scope

2.1 This procedure is mandatory and it applicable to all materials, equipment and services procured for the use of works carried out by any power plant site of Gulf.

3 Definitions

- Nil-

4 Responsibility

4.1 **Procurement Manager** is responsible for

- Notifying the bidding suppliers or contractors of what is expected of them about their safety performance
- Ensuring that safety and health issues are considered in selection of supplier or contractors process prior to raising/processing orders.

4.2 **User** which can be person undertaking the purchase of goods or services is responsible for ensuring that all contractors conform to SHE criteria.

4.3 **Site SH&E** is responsible for that all the required SHE criteria and related documentation is in order, up to date, and is suitable for the tasks they are to carry out.

5 Procedure

5.1 SHE criteria are being used for suppliers or contractors screening, evaluation and selection by users and Procurement Department.

5.2 If the forms and associated documentation are requested, Purchasing Officer will forward to site SH&E. The site SH&E will check and assess according to the documents supplied and information given.

5.3 The technical SHE criteria to be included in Supplier or Contractor Screening, Evaluation and Selection on the basis of SHE competency are

- Details of SHE policy, safety manual, safety plan and implementation procedure in-line with internationally accepted practices along with the statistics for the last three years
- Details of documents in support of Environment, Health and Safety, Social (Labour) performance
- Details of Social Security for their employees Details of ISO 9001, ISO 14001, ISO 45001 or any other accreditations and certification as applicable
- Details of fines on Labour forced, child labours

See Attachment-2_ SHE contractor and supplier selection form

5.4 Expected documents to be produced

- Safety Health and Environment Policy (if applicable)
- Accident statistics
- Evidence of H&S Qualifications for responsible person Copies of safety systems of work e.g. method statements and site specific risk assessments Copies of accreditation certificates e.g. ISO 9001, ISO 14001 and ISO 45001 Copy of waste management or carrier license
- Copy of current social security receipt
- Copy of Safety Data Sheet (SDS)

5.5 The Terms of Reference (TOR) are the key document in the Request for Proposal (RFP). They ensure that both Gulf and the suppliers or contractors are fully aware of the objective and outputs of the works or services.

The ToR should provide sufficient information to enable suppliers or contractors to fully understand the works or services required by the Gulf. The ToR must be complete precise and clear to minimise request for clarification. The TOR will normally contain background, objectives, scope of works or services, deliverables, payment term and assignment period.

Therefore, all ToRs provided shall include Environment, Health, Safety and Social terms and conditions. All details are described in Attachment-1_SHE terms and conditions.

5.6 Identify Supplier Selection Criteria

Supplier selection criteria are attributed that Gulf values in its arrangements with suppliers. There are nine common supplier selection criteria. The common selection criteria are:

- Cost
- Quality, Safety and Environment
- Delivery
- Service
- Social Responsibility
- Convenience / Simplicity
- Risk
- Agility and
- Understanding of the Gulf its needs

Often, the Gulf will want some criteria to be treated as constraints or unbreakable rules in the supplier selection process.

An overview of general and safety and health related criteria for the selection of suppliers, service providers or contractors, as well as indicators and sources of information, is given in table below;

Table 1: Example of criteria, indicators and sources of information for the selection of suppliers, service providers or contractors

Criteria	Indicators	Sources

Safety and Health Management	- Safety and health policies
	- Safe systems of work
	- Safety and health training
	- Safety and health performance
	- Technical equipment and personal protective equipment (PPE)
		- General safety rules
		- Safe work method statements
		- Certifications for
		  - Health and Safety Management (ISO 45001)
		  - Quality Management (e.g. ISO 9001)
		  - Environmental Management (e.g. ISO 14001)
		  - Audits, accreditations
		  - Accidents and health statistics of the service provider

Technical capability to perform the contract	- Core activities of the company - Experience in similar work - Technical equipment - Quality control system - Skills and qualifications - Special qualification (eg. welding according to relevant standard)	- Website of the company - Portfolio of the bidder / tenderer - Certificates - Documentation on quality control system - Reference from other clients
Selection and supervision of subcontractors	- Procurement management of the tenderer - Supervision system	- Documentation on the selection of sub-contractors - Audits - Other communication
Abnormally low tenders / tenders with the risk of low safety and health standards	- Calculations of costs - Time schedules	- Content of the tender/bid - Workshops - Communication with bidder/tenderer

The SHE criteria will be scored as compliant (acceptable) or non-compliant (unacceptable).

6 Reference Documents

- Nil-

7 Attachments

Attachment-1_ SHE terms and conditions
Attachment-2_ SHE contractor and supplier selection form

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SHE terms and conditions

ตัวอย่างหัวข้อในการเขียน TOR

1. ข้อกำหนดเฉพาะ (Specific Condition) ...ซึ่งเป็นข้อมูล *Technical ดูแลรับผิดชอบโดย User*
   - 1.1 ที่มาและวัตถุประสงค์ (Introduction & Objective)
   - 1.2 ขอบเขตงาน (Scope of work) ...*คือ ทำอะไร ตรวจรับอะไร คือสิ่งที่จะเขียนลงใน PR/PO*
   - 1.3 ข้อกำหนดงาน (Work Specification) ... *คือ ทำอย่างไร วิธีทำงาน เงื่อนไข*
   - 1.4 วิธีการตรวจรับ และเอกสารที่ใช้ส่งมอบ/ตรวจรับงาน (ถ้ามี)

2. ข้อกำหนดทั่วไป (General Condition) ...*ดูแลรับผิดชอบโดย Lawyer คือ เงื่อนไขมาตรฐานทั่วไป*
   - 2.1 ข้อกำหนดด้านความปลอดภัยและแรงงาน
     - 2.1.1 ผู้รับจ้างจะต้องปฏิบัติงานต่างๆ ให้เป็นไปตามนโยบายและข้อกำหนดด้านความปลอดภัย ของบริษัทฯ ซึ่งพนักงานของผู้รับจ้างต้องเข้ารับการอบรมตามกฎระเบียบความปลอดภัยของบริษัทฯ ก่อนเริ่มงาน และให้ถือปฏิบัติอย่างเคร่งครัด
     - 2.1.2 ผู้รับจ้างต้องไม่ใช้แรงงานเด็กอายุต่ำกว่า 15 ปี ไม่มีการบังคับใช้แรงงาน (Forced Labour) ทั้งนี้ ให้ยึดหลักสิทธิมนุษยชน (Human Right) และถือปฏิบัติตามข้อกำหนดของกฎหมายด้านแรงงานอื่นๆที่เกี่ยวข้องอย่างเคร่งครัด
     - 2.1.3 ผู้รับจ้างจะต้องจัดหาพนักงานที่มีความรู้ความสามารถพร้อมหนังสือรับรองคุณสมบัติสำหรับการปฏิบัติงานเฉพาะด้านตามที่กฎหมายกำหนด เช่น การทำงานเกี่ยวกับไฟฟ้า การทำงานในที่อับอากาศ การทำงานกับปั้นจั่น เป็นต้น
     - 2.1.4 กำหนดให้ผู้จัดหาผู้รับจ้างต้องจัดบุคลากรด้านความปลอดภัย ให้เพียงพอต่อลักษณะงาน
       - a. กำหนดตามจำนวนคน
         - 2-19 คน จป.หัวหน้างาน
         - 20-49 คน จป.เทคนิค
         - 50-99 จป.เทคนิคชั้นสูง
         - 100 คน จป.วิชาชีพ

         โดยให้ทางผู้จัดหา/ผู้รับจ้าง แต่งตั้งออกหนังสือรับรองว่าจป ดังกล่าวทำหน้าที่เป็นจป.ให้แก่ผู้จัดหา/ผู้รับจ้าง
       - b. งานที่มีอันตราย (Hazardous Work): Hot work , High Voltage , Chemical Cleaning , Work at height ,Radiation, Excavation Work,
         - เจ้าหน้าที่ความปลอดภัยระดับหัวหน้างาน หรือ จป.เทคนิค หรือ จป เทคนิคชั้นสูง หรือ จป.วิชาชีพ
         - ผู้เฝ้าระวังเหตุไฟไหม้ (Fire watch man) กรณีมีงาน Hot work และต้องผ่านการอบรมหลักสูตรผู้เฝ้าระวังไฟ (Fire watch)

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         - กรณีที่มีงานเชื่อม : จะต้องส่งรายชื่อช่างเชื่อม พร้อมประวัติ ประสบการณ์การทำงาน รวมถึง Certificate ด้านวิธีมีองงานเชื่อมต่างๆ เพื่อให้ ผู้ว่าจ้างพิจารณา
       - c. งานที่ต้องทำงานในที่อับอากาศ (Confined Space)
         - เจ้าหน้าที่ความปลอดภัยหัวหน้างาน หรือ จป.เทคนิค , จป เทคนิคชั้นสูง หรือ จป.วิชาชีพ
         - ผู้เฝ้าระวังเหตุไฟไหม้ (Fire watch man) กรณีมีงาน Hot work และต้องผ่านการอบรมหลักสูตรผู้เฝ้าระวังไฟ (Fire watch)
         - ผู้ควบคุมงาน ในการทำงานที่อับอากาศ (หนังสือการแต่งตั้งและใบรับรองการผ่านการอบรม)
         - ผู้ปฏิบัติงาน ในการทำงานที่อับอากาศ (หนังสือการแต่งตั้งและใบรับรองการผ่านการอบรม)
         - ผู้ช่วยเหลือหรือผู้เฝ้าระวัง ในการทำงานที่อับอากาศ (หนังสือการแต่งตั้งและใบรับรองการผ่านการอบรม)
     - 2.1.5 อื่นๆ

   - 2.2 ข้อกำหนดด้านสิ่งแวดล้อมและสังคม
     - 2.2.1 ผู้รับจ้างจะต้องปฏิบัติงานต่างๆ ให้เป็นไปตามนโยบายและข้อกำหนดด้านสิ่งแวดล้อมและสังคมของบริษัทฯ เช่น การจัดการของเสียต่างๆที่เกิดจากการทำงานต้องยึดถือปฏิบัติให้สอดคล้องกับขั้นตอนการทำนิยามการจัดการสิ่งปฏิกูลและวัสดุที่ไม่ใช้แล้ว
     - 2.2.2 อื่นๆ

   - 2.3 การจ้างช่วง

     กรณีที่ผู้เสนอราคามีความประสงค์ต้องการจ้างช่วง ผู้เสนอราคาจะต้องนำส่งรายชื่อผู้รับจ้างช่วง (Sub-contractor) เพื่อขออนุญาต และได้รับความยินยอมเป็นหนังสือจากผู้ว่าจ้างก่อน โดยผู้รับจ้างช่วงจะต้องปฏิบัติตามข้อ 2.1 ข้อกำหนดด้านความปลอดภัยและแรงงาน ข้อ 2.2 ข้อกำหนดด้านสิ่งแวดล้อมและสังคม ทั้งนี้ ความยินยอมดังกล่าวของผู้ว่าจ้างไม่เป็นเหตุให้ผู้รับจ้างหลุดพ้นจากความรับผิดชอบหรือพันธะหน้าที่ และผู้เสนอราคาจะยังคงต้องรับผิดชอบในความรับผิดชอบและความประมาทเลินเล่อของผู้รับจ้างช่วงหรือของตัวแทนหรือลูกจ้างของผู้รับจ้างช่วงนั้นทุกประการ

   - 2.4 อื่นๆ

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3. ข้อกำหนดเชิงพาณิชย์ (Commercial Condition) ...*ดูแลรับผิดชอบโดย Purchaser มีความสำคัญโดยเฉพาะในการเบิกจ่าย*
   - 3.1 Payment term
   - 3.2 Credit term
   - 3.3 Delivery term
   - 3.4 Delivery time
   - 3.5 Warranty term
   - 3.6 Warranty time
   - 3.7 Security (Bond) หลักประกัน
   - 3.8 Penalty
   - 3.9 LD บทปรับงานล่าช้า

4. ข้อกำหนดกระบวนการจัดซื้อ (Purchasing Condition) ...*ดูแลรับผิดชอบโดย Purchaser ใช้เฉพาะตอนดำเนินการจัดซื้อตอนประมูล เสร็จแล้ว ไม่ต้องเอาไปใส่ใน PO ATTACHMENT หรือ CONTRACT*
   - 4.1 คุณสมบัติของผู้เสนอราคา
   - 4.2 วัน-เวลาที่ยื่นของ
   - 4.3 วิธีการยื่นของ
   - 4.4 อื่นๆ

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SHE contractor and supplier selection form

กำชี้แจง ให้ประเมินผู้จัดหาผู้รับจ้าง โดยระบุ "ผ่าน" หรือ "ไม่ผ่าน" ลงในช่องผลการประเมิน

เกณฑ์การประเมิน	Supplier1	Supplier2	ผลการ Supplier3
1. ข้อกำหนดด้านความปลอดภัยและแรงงาน (Safety & Health and Labor)			
1.1 มีนโยบายความปลอดภัย / ผู้ได้รับการรับรอง ISO 45001			
1.2 มีการจัดทำแผนฉุกเฉินสำหรับการปฏิบัติตามกฎหมาย			
1.3 มีการฝึกซ้อมแผนฉุกเฉินความปลอดภัย (JSA)			
1.4 มีผู้ปฏิบัติงานตามกฎหมายความปลอดภัยครบถ้วน เช่น การทำงานที่อับอากาศ , การทำงานที่สูง, การทำงานกับปั้นจั่น เป็นต้น			
1.5 มีอุปกรณ์เครื่องมือเครื่องใช้ ที่ได้มาตรฐานตามกฎหมายที่เกี่ยวข้องเพื่อให้ปฏิบัติงานได้อย่างปลอดภัย			
2. ข้อกำหนดด้านสิ่งแวดล้อมและสังคม (Environment and Social)			

หมายเหตุ .....

ผู้ประเมิน: _____

วันที่: _____

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ภาคผนวก ข.2-2

สำเนาหนังสือนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน
และแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบ
ผลกระทบสิ่งแวดล้อม ครั้งที่ 1/2567
ระหว่างเดือนมกราคม-มิถุนายน พ.ศ.2567

GULF JP
U Thai

กรมโรงงานอุตสาหกรรม
เลขที่ 14973
รับโดย 19 ก.ค. 2567
เวลา 8.21

เลขที่ GUT O 0724/202

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

17 กรกฎาคม 2567

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567)

เรียน อธิบดีกรมโรงงานอุตสาหกรรม

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) จำนวน 1 เล่ม
2. แผ่นซีดีรอม จำนวน 1 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังงานความร้อนร่วม ได้เห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตั้งอยู่ในสวนอุตสาหกรรมโรจนะ ระยะที่ 6 ตำบลบ้านข้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา เมื่อวันที่ 27 กุมภาพันธ์ 2567 โดยมีเลขที่ใบอนุญาตผลิตไฟฟ้า เลขที่ กกพ 01-1(3)/56-058 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้องเป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เจพี ยูที จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะดำเนินการทั่วไป และระยะก่อสร้างระบบผลิตไฟฟ้าที่มีต้นกำลังจากพลังงานแสงอาทิตย์จากเทคโนโลยีแผงโฟโตโวลเทอิก ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

[redacted]

ผู้จัดการโรงไฟฟ้าอุทัย
บริษัท กัลฟ์ เจพี ยูที จำกัด

[redacted]

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เลขที่ GUT O 0724/200

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

17 กรกฎาคม 2567

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567)

เรียน ผู้จัดการสวนอุตสาหกรรมโรจนะ

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) จำนวน 1 เล่ม
2. แผ่นซีดีรอม จำนวน 1 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังงานความร้อนร่วม ได้เห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตั้งอยู่ในสวนอุตสาหกรรมโรจนะ ระยะที่ 6 ตำบลบ้านข้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา เมื่อวันที่ 27 กุมภาพันธ์ 2567 โดยมีเลขที่ใบอนุญาตผลิตไฟฟ้า เลขที่ กกพ 01-1(3)/56-058 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้องเป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เจพี ยูที จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะดำเนินการทั่วไป และระยะก่อสร้างระบบผลิตไฟฟ้าที่มีต้นกำลังจากพลังงานแสงอาทิตย์จากเทคโนโลยีแผงโฟโตโวลเทอิก ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

วันที่ส่งเอกสาร 24 ก.ค. 67
เวลา 10:00 น.
ผู้รับเอกสาร [illegible]

[redacted]

ผู้จัดการโรงไฟฟ้าอุทัย
บริษัท กัลฟ์ เจพี ยูที จำกัด

[redacted]

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เลขที่ GUT O 0724/203

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

17 กรกฎาคม 2567

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567)

เรียน อุตสาหกรรมจังหวัดพระนครศรีอยุธยา

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) จำนวน 1 เล่ม
2. แผ่นซีดีรอม จำนวน 1 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังงานความร้อนร่วม ได้เห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตั้งอยู่ในสวนอุตสาหกรรมโรจนะ ระยะที่ 6 ตำบลบ้านช้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา เมื่อวันที่ 27 กุมภาพันธ์ 2567 โดยมีเลขที่ใบอนุญาตผลิตไฟฟ้า เลขที่ กกพ 01-1(3)/56-058 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้องเป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เจพี ยูที จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะดำเนินการทั่วไป และระยะก่อสร้างระบบผลิตไฟฟ้าที่มีต้นกำลังจากพลังงานแสงอาทิตย์จากเทคโนโลยีแผงโฟโตโวลเทอิก ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

[redacted]

[redacted]

สนง.อุตส... พระนครศรีอยุธยา
ลงชื่อ...[redacted]...ผู้รับ
(.....เจ้าพนักงานธุรการ.....)
วันที่...๒๔ ก.ค. ๒๕๖๗

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เลขที่ GUT O 0724/201

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

17 กรกฎาคม 2567

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการของบริษัท กัลฟ์ เจพี ยูที จำกัด ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567)

เรียน เลขาธิการสำนักงานคณะกรรมการกำกับกิจการพลังงาน

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะก่อสร้างและระยะดำเนินการ ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) จำนวน 3 เล่ม
2. แผ่นซีดีรอม จำนวน 3 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังงานความร้อนร่วม ได้เห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ตั้งอยู่ในสวนอุตสาหกรรมโรจนะ ระยะที่ 6 ตำบลบ้านช้าง อำเภออุทัย จังหวัดพระนครศรีอยุธยา เมื่อวันที่ 27 กุมภาพันธ์ 2567 โดยมีเลขที่ใบอนุญาตผลิตไฟฟ้า เลขที่ กกพ 01-1(3)/56-058 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้องเป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เจพี ยูที จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โครงการโรงไฟฟ้าอุทัย (ครั้งที่1) ระยะดำเนินการทั่วไป และระยะก่อสร้างระบบผลิตไฟฟ้าที่มีต้นกำลังจากพลังงานแสงอาทิตย์จากเทคโนโลยีแผงโฟโตโวลเทอิก ครั้งที่ 1/2567 (เดือนมกราคม-มิถุนายน พ.ศ. 2567) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

[redacted]

[redacted]

ได้รับ[redacted]ไว้แล้ว
29 / ก.ค. / 2567

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ภาคผนวก ข.2-3

เอกสารขั้นตอนการบำรุงรักษาดูแลการทำงานของระบบหล่อเย็น

วิธีปฏิบัติงาน

Work Instruction

เรื่อง

การตรวจสอบและบำรุงรักษา COOLING TOWER

ORIGINAL

ผู้จัดทำ	ผู้ทบทวน	ผู้อนุมัติ
[redacted]		

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น"
"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

ตารางบันทึกการแก้ไขเอกสาร

แก้ไขครั้งที่	ผู้แก้ไข	วันที่มีผลบังคับใช้	หน้าที่แก้ไข	จำนวนหน้ารวม	วัตถุประสงค์	รายละเอียดการเปลี่ยนแปลง
00	ชยากร	25 Nov 16	-	8	ประกาศใช้ครั้งที่ 1	เขียนขึ้นใหม่ทั้งหมดเพื่อใช้เป็นวิธีปฏิบัติงาน

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น"
"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

1. วัตถุประสงค์

1.1 เพื่อให้เป็นแนวทางการปฏิบัติงานการบำรุงรักษา COOLING TOWER ที่ถูกต้องและชัดเจนเป็นวิธีปฏิบัติในทางเดียวกัน ให้สอดคล้องกับระบบการบริหารงานคุณภาพ (ISO9001:2015) และระบบการจัดการสิ่งแวดล้อม (ISO14001:2015)

2. ขอบเขต

2.1 ใช้เป็นวิธีปฏิบัติงานบำรุงรักษา Cooling tower

2.2 วิธีปฏิบัติงานนี้ ใช้ในบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น

3. คำจำกัดความ

บริษัทฯ หมายถึง บริษัท กัลฟ์ เจพี ยูที จำกัด

เจ้าหน้าที่ หมายถึง เจ้าหน้าที่ของ บริษัท กัลฟ์ เจพี ยูที จำกัด

4. ผู้ปฏิบัติงาน

4.1 หัวหน้างานเครื่องกล (ควบคุมและสั่งการในการปฏิบัติงาน)

4.2 หัวหน้ากะ (ควบคุมการเดินเครื่อง, อนุญาตให้ปฏิบัติงาน)

4.3 วิศวกรเครื่องกล (ทำการปฏิบัติงาน)

4.4 ผู้ช่วยช่างเครื่องกล (ทำการปฏิบัติงาน)

4.5 ผู้รับเหมา (ทำการปฏิบัติงาน)

5. แผนผังกระบวนการ

ไม่มี

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น"
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6. วิธีการปฏิบัติงาน

รายละเอียด	ผู้รับผิดชอบ	เอกสารที่เกี่ยวข้อง
6.1 ผู้ปฏิบัติงานต้องสวมใส่อุปกรณ์ PPE และอุปกรณ์ความปลอดภัยอื่น ๆ ให้พร้อม ตามกฎระเบียบด้านความปลอดภัยของบริษัท ฯ	วิศวกรเครื่องกล	
6.2 วิศวกรเครื่องกล ขอใบอนุญาตทำงาน (Work permit) ต่อหัวหน้ากะ	วิศวกรเครื่องกล	
6.3 การตรวจสอบและบำรุงรักษาบ่อ (Basin) - ตรวจสอบลักษณะโดยรอบของบ่อ Basin ว่าพบรอยรั่วซึมหรือไม่ ถ้าพบให้ดำเนินการซ่อมแซม - ตรวจสอบ ฝุ่น หรือ particle ที่หลุดปะปนออกมากับอากาศจาก cooling tower ว่าพบเป็นจำนวนมากหรือไม่ หากพบเป็นจำนวนมาก ให้ทำการล้างบ่อ basin	วิศวกรเครื่องกล	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM
6.4 การตรวจสอบและบำรุงรักษาอุปกรณ์โครงสร้างโลหะ (Metallic Parts) - ตรวจสอบอุปกรณ์ต่างๆที่มีโครงสร้างโลหะ เช่น ท่อลม, ท่อน้ำ ว่ามีสภาพโดนกัดกร่อนหรือไหม ถ้าพบให้ดำเนินการซ่อมแซม - ตรวจสอบ Coupling, Bolts ว่ามีสภาพโดนกัดกร่อนหรือไหม ถ้าพบให้ดำเนินการซ่อมแซมหรือเปลี่ยนใหม่	วิศวกรเครื่องกล	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM
6.5 การตรวจสอบและบำรุงรักษาสภาพภายนอกของบ่อ (Framework) - ทำการตรวจสอบคุณภาพน้ำให้เป็นไปตามคู่มือ เพื่อป้องกันการเสียหายที่จะเกิดกับเหล็ก, ท่อ , คอนกรีต หากพบความผิดปกติจะต้องทำการตรวจสอบ คุณภาพน้ำอยู่ในสภาพที่เหมาะสมหรือไม่ ถ้าไม่อยู่ให้ทำการปรับปรุงให้อยู่ในมาตรฐาน	วิศวกรเครื่องกล	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น"
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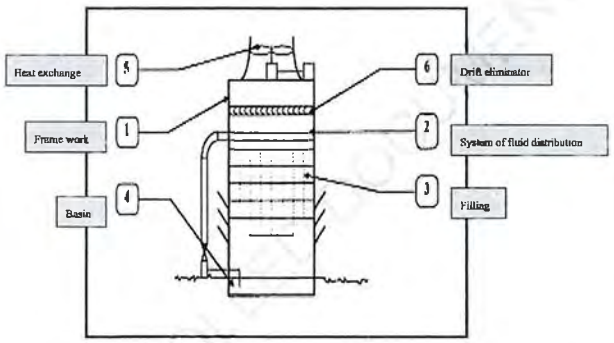
รายละเอียด	ผู้รับผิดชอบ	เอกสารที่เกี่ยวข้อง
6.6 การตรวจสอบและบำรุงรักษาอุปกรณ์ที่เป็นพลาสติก (Plastic Components) - ตรวจสอบ Filling (fill pack) ว่าพบ การอุดตัด, ตะกอน, ความเสียหายหรือการแตกแยกออกของ Filling หากพบให้กำจัดออก โดยใช้ walking board ในการทำงาน โดยทำการตรวจสอบ ปีละครั้ง - ชุด Water distribution และ Spray nozzles ทำการตรวจสอบโดยง่ายจากการสังเกตผ่านช่องอากาศเข้าเพื่อสังเกตุลักษณะการกระจายตัวของน้ำ (rain pattern) หากสังเกตพบการกระจายตัวของน้ำไหลตกลงมาร่วมกันเป็นสายใหญ่ หลังจากไหลผ่าน filling ให้ทำการตรวจสอบ Spray nozzles โดยต้องใช้ walking board ในการทำงาน โดยทำการตรวจสอบ ปีละครั้ง - ชุด Drift eliminators ทำการตรวจสอบว่าพบ mosses, algae, mud หรือไม่ หากพบให้กำจัดออก แต่ถ้าหากพบความเสียหายของตัว Drift eliminators ให้ทำการซ่อมแซมทันที และเมื่อใดที่มีการเปิด Drift eliminators ออก โดยมีจุดประสงค์เพื่อการตรวจสอบชุด Water distribution และ Spray nozzles หลังจากเสร็จเรียบร้อย ต้องจัดวางกลับในตำแหน่งเดิมและพยายามอย่าให้เกิดช่องว่างระหว่าง Drift eliminator panels โดยทำการตรวจสอบ ปีละครั้ง - ชุด Fan stack ทำการตรวจสอบ bolts ว่ามีความเสียหายหรือไม่, Retighten fan stack flange bolts โดยทำการตรวจสอบ ปีละครั้ง	วิศวกรเครื่องกล	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM
6.7 การบำรุงรักษาอุปกรณ์เครื่องกล 6.7.1 อุปกรณ์ ชุด Shaft Coupling ทำการตรวจสอบ ลักษณะอุปกรณ์ภายนอกว่าพบความเสียหายหรือไม่ (wear, tear, corrosion) และทำการ Recheck alignment ทุกเมื่อ หากพบการสึกกร่อนของตัว shaft จะต้องทำการเปลี่ยนใหม่เท่านั้น 6.7.2 Gearbox ทำการตรวจวัดค่าความสั่นสะเทือน และทำการตรวจสอบดังรายการต่อไปนี้	วิศวกรเครื่องกล	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM

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- เช็คระดับน้ำมันหล่อลื่น โดยดูจากก้าน dipstick - เปลี่ยนถ่ายน้ำหล่อลื่นตามระยะเวลาที่คู่มือกำหนด โดยใช้น้ำมัน mineral oil ISO VG 220 62 ลิตร ต่อ Gearbox และเพิ่มอีกประมาณ 7 ลิตร ของท่อด้านใน - ทำการอัดจาระบี โดยใช้ Mobilux EP 3 - ทำการ overhaul ทุกๆ 5 ปี รวมทั้งตรวจสอบท่อของระบบ lube oil 6.7.3 Fan ทำการตรวจสอบ ตามรายการดังต่อไปนี้ - Tip clearance - Blade angle - Bolt tightening ถ้าตรวจสอบพบความเสียหายกับ Fan ห้าม operate เด็ดขาด และรีบดำเนินการแก้ไข และนำพบว่ามอเตอร์ shut down เนื่องจาก electrical overload ให้ตรวจสอบ Blade angle ว่ามีการเปลี่ยนแปลงหรือไม่		
6.8 การกำจัดของเสีย เช่น เศษผ้าหรือผ้าชับปนเปื้อน, เศษชิ้นส่วนหรืออะไหล่ใช้งานแล้วหรือเศษวัสดุอื่นๆ ที่เกิดจากการทำงาน ให้ปฏิบัติตามคู่มือการกำจัดของเสีย PD-EHS-XX	วิศวกรเครื่องกล	
6.9 วิศวกรเครื่องกลทำการปิดใบอนุญาตทำงาน (Close Work permit) ในระบบ รวมทั้งจัดทำการบันทึกลงในประวัติการบำรุงรักษาเครื่องจักร	วิศวกรเครื่องกล	

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รูปภาพแสดงรายการอุปกรณ์เบื้องต้น



7. ข้อควรระวังด้านสิ่งแวดล้อม และความปลอดภัย

7.1 ผู้ปฏิบัติงานต้องสวมใส่อุปกรณ์ PPE และอุปกรณ์ความปลอดภัยอื่น ๆ ให้พร้อม ตามกฎระเบียบเพื่อความปลอดภัยของบริษัท ฯ

7.2 หากพบการรั่วของน้ำหล่อลื่น น้ำมันหล่อลื่น Instrument air หรือก๊าซ ให้วิศวกรเครื่องกลทำการแจ้งหัวหน้างานเครื่องกล ทำการปิดกั้นบริเวณและแจ้งเตือนหน่วยงานที่เกี่ยวข้องเพื่อวางแผนขั้นตอนการแก้ไขเหตุต่อไป

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8. เอกสารอ้างอิง

หมายเลขเอกสาร	ชื่อเอกสาร	ผู้รับผิดชอบ
SD-MTN-00-144	MANUAL NO. TPB-14280 (R-0) 8.6 CIRCULATING WATER SYSTEM	DCC
SD-MTN-00-175	MANUAL NO. TPB-14280 (R-0) 10.1 LUBRICATION LIST	DCC
SD-MTN-00-177	P&ID GUT plant	DCC

9. บันทึก

หมายเลขเอกสาร	ชื่อเอกสาร	ผู้รับผิดชอบ
FW-MTN-MM-08-01	COOLING TOWER FAN GEAR BOX CHECK SHEET	วิศวกรเครื่องกล
FW-MTN-MM-08-02	COOLING TOWER CHECK SHEET	วิศวกรเครื่องกล

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ เจพี ยูที จำกัด เท่านั้น"
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GulfJPUT	CHECK SHEET FOR COOLING TOWER FAN GEAR BOX	DATE ___/___/___

EQUIPMENT DATA

KKS CODE ☐ 19PAD01AN101 ☐ 19PAD01AN102 ☐ 19PAD01AN103 ☐ 19PAD01AN104 ☐ 19PAD01AN105 ☐ 19PAD01AN106
☐ 19PAD01AN107 ☐ 19PAD01AN108 ☐ 19PAD01AN109 ☐ 19PAD01AN110 ☐ 19PAD01AN111 ☐ 19PAD01AN112 ☐ 19PAD01AN113
☐ 29PAD01AN101 ☐ 29PAD01AN102 ☐ 29PAD01AN103 ☐ 29PAD01AN104 ☐ 29PAD01AN105 ☐ 29PAD01AN106 ☐ 29PAD01AN107
☐ 29PAD01AN108 ☐ 29PAD01AN109 ☐ 29PAD01AN110 ☐ 29PAD01AN111 ☐ 29PAD01AN112 ☐ 29PAD01AN113

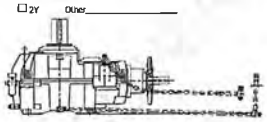
WORK ORDER NO. _____ WORK PERMIT NO. _____ CHECK DATE _____ TIME _____

PM INTERVAL ☐1M ☐3M ☐6M ☐1Y ☐2Y Other:_____

REPLACE LUBRICANT ☐ Yes ☐ No

GEAR BOX : _____ L (69 L) Mobil gear 600 xp 220 :Yearly

GEAR BOX : _____ g (60 g) EP 2 or EP 3 : Monthly



VISUAL INSPECTION

- CHECK FLUID LEAK	☐ LEAK	☐ NO LEAK
- CHECK UNUSUAL NOISE	☐ SMOOTH	☐ NO SMOOTH
- CHECK CLEANLINESS PUMP	☐ CLEAN	☐ DIRTY
- CHECK LOOSEN PART SUCH AS BOLT,NUT,COVER	☐ TIGHT	☐ LOOSEN
- CHECK LABYRINTH SEAL	☐ LEAK	☐ NO LEAK
- CHECK LUBE OIL LEVEL (IF HAVE)	☐ NORMAL	☐ LOW ☐ HIGH

MEASURING AND RECORD DATA (FOR MACHINE OPERATE)

DESCRIPTION	ACCEPTANCE VALUE	ACTUAL VALUE	RESULT
- VIBRATION VALUE (MOTOR, NDE-V)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (MOTOR, NDE-H)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (MOTOR, NDE-A)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (MOTOR, DE-V)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (MOTOR, DE-H)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (MOTOR, DE-A)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, DE-V)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, DE-H)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, DE-A)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, NDE V)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, NDE H)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- VIBRATION VALUE (GEAR BOX, NDE-A)	less than 7.1 mm/s	mm/s	☐ NORMAL ☐ ABNORMAL
- BEARING TEMPERATURE (MOTOR, NDE)	less than 80 °C	°C	☐ NORMAL ☐ ABNORMAL
- BEARING TEMPERATURE (MOTOR, DE)	less than 80 °C	°C	☐ NORMAL ☐ ABNORMAL
- BEARING TEMPERATURE (GEAR BOX INPUT)	less than 80 °C	°C	☐ NORMAL ☐ ABNORMAL
- BEARING TEMPERATURE (GEAR BOX OUTPUT)	less than 80 °C	°C	☐ NORMAL ☐ ABNORMAL

Note : _____

	Inspected by	Accepted by
Signature		
Name / Position		
Date		

FW-MTN M04-00-01 Rev. 00

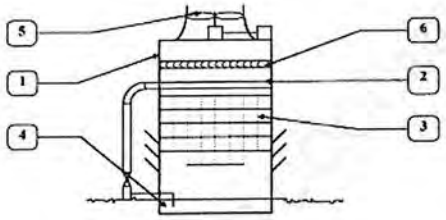
GulfJPUT	COOLING TOWER CHECK SHEET	DATE ___/___/___

EQUIPMENT DATA

KKS CODE ☐ 19PAD* ☐ 29PAD*

WORK ORDER NO. _____ WORK PERMIT NO. _____

PM INTERVAL ☐1M ☐2M ☐6M ☐1Y Other:_____



VISUAL INSPECTION

- CHECK FLUID LEAK AROUND COOLING TOWER	☐ LEAK	☐ NO LEAK		
- CHECK UNUSUAL NOISE	☐ SMOOTH	☐ NO SMOOTH		
- CHECK CLEANLINESS COOLING TOWER BASIN	☐ CLEAN	☐ DIRTY		
- CHECK LOOSEN PART SUCH AS BOLT,NUT	☐ TIGHT	☐ LOOSEN		
- CHECK CRACK	☐ CRACK	☐ NO CRACK		
- CHECK CORROSION	☐ CORROSION	☐ NO CORROSION		
- CHECK PIPING	☐ LEAK	☐ NO LEAK		
- CHECK SPRAY NOZZLE	☐ DAMAGE	☐ NO DAMAGE		
- CHECK FILL PACK	☐ DAMAGE	☐ NO DAMAGE		
- CHECK FAN STACK	☐ TIGHT	☐ LOOSEN	☐ DAMAGE	☐ NO DAMAGE
- CHECK COOLING FAN	☐ NORMAL OPERATE	☐ CAN NOT OPERATE		
- CHECK SHAFT COUPLING	☐ DAMAGE	☐ NO DAMAGE		
- RE-CHECK ALIGNMENT	☐ CHECK	☐ NO CHECK		

Note : _____

	Inspected by	Accepted by
Signature		
Name / Position		
Date		

FW-MTN M4 08 02 Rev. 00

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: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-1
Sampled Date	Sep 09, 2024 10:10 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำ CW Make up
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

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. No part of this report 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.

Approved by [redacted]
Sithichok Thongnguen
Scientist (3)

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: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-2
Sampled Date	Sep 09, 2024 10:15 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำใน CW Basin
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

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

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Sithichok Thongnguen
Scientist (3)

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: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-3
Sampled Date	Sep 09, 2024 10:00 AM
Sample Description	Cooling water
Location	Cooling Tower 1 : น้ำ CW Blowdown
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

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

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Approved by [redacted]
Sithichok Thongnguen
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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: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-4
Sampled Date	Sep 09, 2024 10:10 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำ CW Make up
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

Remark :
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Sithichok Thongnguen
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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: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-5
Sampled Date	Sep 09, 2024 10:20 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำใน CW Basin
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

Remark :
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Analysis / Test Report

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999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004523
Project Name : Monitoring EIA
Project Location: GUT

Lot ID: 24101328
Date Received : Sep 09, 2024
Date Reported : Sep 26, 2024
Report Number : 3098580-1

Sample Number	24101328-6
Sampled Date	Sep 09, 2024 10:00 AM
Sample Description	Cooling water
Location	Cooling Tower 2 : น้ำ CW Blowdown
Date Analysis Commenced	Sep 10, 2024
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 : Aittipon Yaso

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

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Sithichok Thongnguen
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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:

Approved By:



Sarote Navasuwitsawa
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
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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

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1 Purpose

1.1 เพื่อใช้เป็นช่องทางในการรับเรื่องร้องเรียนจากผู้ที่ได้รับผลกระทบจากการดำเนินการของโรงไฟฟ้า และเป็นแนวปฏิบัติในการดำเนินการสอบสวนหาสาเหตุ และแก้ไขข้อร้องเรียนที่เกิดขึ้น โดยกำหนดเป็นกรอบการดำเนินงานที่มีความชัดเจนและมุ่งให้เกิดการปฏิบัติที่เป็นไปในทิศทางเดียวกันในทุกโรงไฟฟ้าของกลุ่มบริษัท กัลฟ์

1.2 เพื่อให้มั่นใจได้ว่าข้อร้องเรียนทั้งหมดจะได้รับการบันทึก ตรวจสอบหาสาเหตุ และดำเนินการแก้ไข รวมถึงการวิเคราะห์เพื่อกำหนดเป็นแนวทางป้องกันการเกิดซ้ำในอนาคต ซึ่งจะเป็นประโยชน์ต่อการดำเนินการของโรงไฟฟ้าต่อไป

2 Scope

2.1 ใช้ในการระบุ และพิจารณาตามกฎหมาย และข้อกำหนดต่าง ๆ ทางด้านสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัยให้แก่พนักงานภายในโรงไฟฟ้าและผู้ที่ปฏิบัติงานภายในโรงไฟฟ้า

3 Definitions

3.1 ข้อร้องเรียน หมายถึง คำร้องเรียนจากประชาชนเพื่อเหตุในพื้นที่ใกล้เคียงโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า 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 สำนักงานสนามมีสถานะเป็นศูนย์รับเรื่องร้องเรียน โดยมีเจ้าหน้าที่ชุมชนสัมพันธ์ทำหน้าที่รับแจ้งข้อร้องเรียน ในกรณีของโรงไฟฟ้า Central Control Room (CCR) มีสถานะเป็นศูนย์รับเรื่องร้องเรียน โดยหัวหน้ากะมีหน้าที่รับแจ้งข้อร้องเรียน ซึ่งถูกแจ้งผ่านได้จากทุกช่องทางทั้งในและนอกเวลาทำการ ตลอด 24 ชม. ดำเนินการตรวจสอบหาสาเหตุเบื้องต้นในทันที และเสนอต่อผู้จัดการโครงการก่อสร้างโรงไฟฟ้า หรือ ผู้จัดการโรงไฟฟ้าพิจารณาดำเนินการต่อไป โดยต้องบันทึกรายละเอียดของข้อร้องเรียน ในกรณีที่ผู้ร้องเรียนไม่ได้เป็นผู้บันทึกด้วยตนเอง รวมถึงการแจ้งผลและความคืบหน้าในดำเนินการแก้ไขข้อร้องเรียนต่อผู้ร้องเรียนด้วย

4.2 ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า หรือ ผู้จัดการโรงไฟฟ้า มีหน้าที่

4.2.1 รับทราบข้อร้องเรียน

4.2.2 พิจารณาและสั่งการ แก้ไขข้อร้องเรียน รวมถึงมอบหมายผู้รับผิดชอบในการดำเนินการดังกล่าว

4.2.3 ดำเนินการประชุมรวบรวมข้อร้องเรียน วิเคราะห์และประเมินผลเป็นรายเดือน และจัดทำรายงานสรุปเสนอต้นสังกัดหน่วยงานที่เกี่ยวข้อง เพื่อเป็นข้อมูลในการวางแนวทางป้องกันและแก้ไขปัญหาในอนาคต

4.3 คณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม และผู้ตรวจการสิ่งแวดล้อมมีหน้าที่รับทราบข้อร้องเรียน ร่วมตรวจสอบสาเหตุ พิจารณาผลการดำเนินการ และรับทราบผลการแก้ไขข้อร้องเรียน รวมถึงเป็นตัวกลางในการประสานความร่วมมือและประชาสัมพันธ์ผลการแก้ไขข้อร้องเรียนนั้นๆ ให้ประชาชนทั่วไปได้รับทราบ เพื่อให้เกิดความเข้าใจที่ดีในการดำเนินการแก้ไขข้อร้องเรียนระหว่างผู้ร้องเรียนและโครงการก่อสร้างโรงไฟฟ้าหรือ โรงไฟฟ้า

5 Procedure

5.1 การระบุกฎหมายและข้อกำหนดที่เกี่ยวข้องด้านสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย สามารถพิจารณา ได้จากแหล่งข้อมูลต่างๆ อาทิผู้ได้รับผลกระทบ แจ้งข้อร้องเรียนหรือผลกระทบที่เกิดขึ้นไปยังโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า ผ่านทางช่องทางรับข้อร้องเรียนตามที่ได้มีการประชาสัมพันธ์ให้ชุมชนทราบ

5.2 โครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า มีสถานะเป็นศูนย์รับเรื่องร้องเรียน ระบุถึงเจ้าหน้าที่ชุมชนสัมพันธ์ที่ปฏิบัติหน้าที่ในพื้นที่นั้นๆ 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 กรณีข้อร้องเรียนที่ไม่ทราบสาเหตุแน่ชัดหรือไม่สามารถแก้ไขได้ในทันทีที่นำเข้าสู่การประชุมหาสาเหตุเชิงลึกและพบว่า ข้อร้องเรียนนั้นๆ มีสาเหตุมาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือ

โรงไฟฟ้าจริง ให้นำข้อสรุปจากการประชุมหาสาเหตุเชิงลึกมาดำเนินการแก้ไขข้อร้องเรียนโดยเร็ว กรณีข้อร้องเรียนที่มีสาเหตุชัดเจนสามารถแก้ไขได้ทันที หากพบว่าเป็นผลมาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้าจริง ให้กำหนดมาตรการและดำเนินการแก้ไขโดยเร็ว

5.7 การดำเนินการภายหลังการแก้ไขข้อร้องเรียน

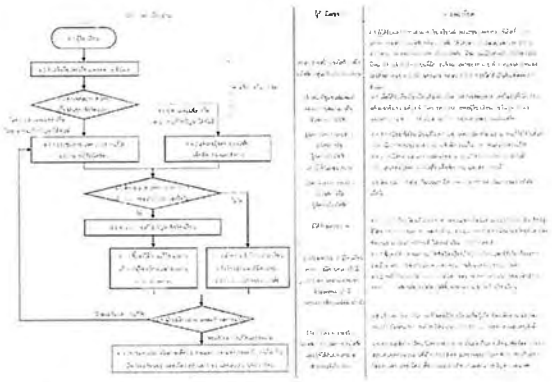
5.7.1 เมื่อการดำเนินการแก้ไขข้อร้องเรียนแล้วเสร็จให้ชี้แจงผลการแก้ไขข้อร้องเรียนต่อผู้ร้องเรียน และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี หรือส่วนงานอื่นที่เกี่ยวข้องทราบ รวมถึงชี้แจงมาตรการป้องกันและควบคุมคุณภาพสิ่งแวดล้อม ที่โรงไฟฟ้าดำเนินการอยู่ เพื่อสร้างความมั่นใจให้กับผู้ร้องเรียน

5.7.2 กรณีที่สอบสวนหาสาเหตุเบื้องต้น หรือประชุมหาสาเหตุเชิงลึกแล้วพบว่า ข้อร้องเรียนนั้นๆ ไม่ได้มีสาเหตุ มาจากการดำเนินการของโครงการก่อสร้างโรงไฟฟ้าหรือโรงไฟฟ้า ให้รีบชี้แจงทำความเข้าใจกับผู้ร้องเรียน รวมถึงชี้แจงมาตรการป้องกันและควบคุมคุณภาพสิ่งแวดล้อมของโรงไฟฟ้าที่ดำเนินการทำอยู่เพื่อให้เกิดความเข้าใจที่ถูกต้อง และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี หรือส่วนงานอื่นที่เกี่ยวข้องทราบด้วย

5.8 การแจ้งผลการแก้ไขข้อร้องเรียนภายหลังการดำเนินการแก้ไขแล้วนั้น ให้แจ้งผลการดำเนินการต่อผู้ร้องเรียนเพื่อลงนามรับรองผลการแก้ไข และแจ้งต่อคณะกรรมการการมีส่วนร่วมของชุมชน คณะกรรมการตรวจสอบผลกระทบสิ่งแวดล้อม ผู้ตรวจการสิ่งแวดล้อม แล้วแต่กรณี และส่วนงานที่เกี่ยวข้อง อาทิ ฝ่ายชุมชนสัมพันธ์ เพื่อทราบ ทั้งนี้ หากผลการแก้ไขยังไม่เป็นที่ยอมรับของผู้ร้องเรียนหรือผู้ที่เกี่ยวข้อง ให้นำกลับเข้ากระบวนการสอบสวนสาเหตุเชิงลึกเพื่อดำเนินการตามขั้นตอนต่อไป เว้นแต่การแก้ไขข้อร้องเรียนได้ดำเนินการเสร็จสิ้นและเกิดผลลัพธ์ที่น่าพอใจ 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 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าโคกนย 1 (กุมภาพันธ์, 2555)

6.2 รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าคกแย้ 2 (กุมภาพันธ์, 2555)

6.3 การทบทวนข้อมูลของผลกระทบสิ่งแวดล้อม ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าสิงห์บัน (มีนาคม, 2554)

6.4 รายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้านครเนื่องเขต (เมษายน, 2556)

6.5 รายงานการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าหนองละลอก ครั้งที่ 1 (เมษายน, 2556)

6.6 รายงานการขอเปลี่ยนแปลงรายละเอียดโครงการ โครงการโรงไฟฟ้าเชียงรากน้อย 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.....

วัน/เดือน/ปี ที่รับเรื่อง	ระยะการดำเนินการ	วัน/เดือน/ปี ที่แก้ไข ผลการดำเนินการ	หมายเหตุ

15 ธันวาคม 2561

* การบันทึกรายงานสรุปรายการข้อร้องเรียนและการตอบสนองต่อข้อร้องเรียนและการตอบสนองต่อข้อร้องเรียน
ปรับปรุงเอกสารครั้งที่ 0

แบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุ (Complaint Receipt and Investigation Form)

วันที่.....

ข้อมูลของผู้ร้องเรียน / เสนอแนะ
ชื่อ : นาย/นาง/นางสาว..... นามสกุล .....
อายุ.....ที่อยู่ : บ้านเลขที่..... หมู่ที่..... หมู่บ้าน.....
ตำบล..... อำเภอ..... จังหวัด.....
โทรศัพท์บ้าน..... โทรศัพท์เคลื่อนที่..... อีเมล์.....

รายละเอียดข้อร้องเรียน / ข้อเสนอแนะ
.....
.....
.....

ลงชื่อ .....
ผู้ร้องเรียน / ผู้บันทึก ( )

ผลการตรวจสอบหาสาเหตุเบื้องต้น
☐ นำเข้าประชุมหาสาเหตุเชิงลึก __/__/__ (วัน/เดือน/ปี ที่ประชุม) ☐ แก้ไขได้ทันที / สาเหตุไม่ได้เกิดจากการดำเนินการของโรงไฟฟ้า

ผลการประชุมหาสาเหตุเชิงลึก
.....
.....
.....

แนวทางการแก้ไข / ป้องกันการเกิดซ้ำ
.....
.....
.....

ลงชื่อ .....
ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า / ผู้จัดการโรงไฟฟ้า ( )
__/__/__

ผลการดำเนินการแก้ไข / การชี้แจงทำความเข้าใจกับผู้ร้องเรียน
.....
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.....
.....
.....

ข้อร้องเรียนได้รับการแก้ไขเรียบร้อยแล้ว

ลงชื่อ .....
ผู้ร้องเรียน ( )
__/__/__

รับทราบและลงบันทึกข้อร้องเรียน

ลงชื่อ .....
ผู้จัดการโครงการก่อสร้างโรงไฟฟ้า / ผู้จัดการโรงไฟฟ้า ( )
__/__/__

ภาคผนวก ข.2-6

รายงานสรุปการรับเรื่องร้องเรียน

ระหว่างดือนกรกฎาคม-ธันวาคม พ.ศ. 2567

Gulf JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month กรกฎาคม 2567 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 JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month สิงหาคม 2567 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 JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month กันยายน 2567 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 JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month ตุลาคม 2567 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 JPUT

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน/Month พฤศจิกายน 2567 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, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418546
Date Received : Feb 29, 2024
Date Reported : Mar 12, 2024
Report Number : 2913272-1

Sample Number 2418546-1
Sampled Date Feb 28, 2024
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	28 Feb 24	10:20	10:40	25.59	23.98	47.36	44.41	-2.95
2	28 Feb 24	10:41	11:01	25.65	23.69	47.26	43.80	-3.46
3	28 Feb 24	11:02	11:22	25.55	23.63	47.09	43.55	-3.54
4*	28 Feb 24	11:23	11:43	25.77	23.79	47.51	43.85	-3.66
5	28 Feb 24	11:44	12:04	26.01	24.09	47.97	44.42	-3.55
6	28 Feb 24	12:05	12:25	25.79	23.96	47.54	44.15	-3.38
7	28 Feb 24	12:26	12:46	26.16	24.28	48.15	44.73	-3.42
8	28 Feb 24	12:47	13:07	26.28	24.43	48.42	44.99	-3.44
9	28 Feb 24	13:08	13:28	26.49	24.58	48.80	45.22	-3.58
10*	28 Feb 24	13:29	13:49	26.65	24.74	49.14	45.55	-3.60
11	28 Feb 24	13:50	14:10	26.31	24.78	49.22	46.23	-2.99
12*	28 Feb 24	14:11	14:31	23.81	22.12	51.60	47.49	-4.11
	Average					47.98	44.61	-3.37
	Confidence Coefficient (CC)							0.18
	Relative Accuracy (Compared with RM) (%)							7.95
	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]

ทะเบียนเลขที่ ว-204-ค-6113

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418546
Date Received : Feb 29, 2024
Date Reported : Mar 12, 2024
Report Number : 2913272-1

Sample Number 2418546-1
Sampled Date Feb 28, 2024
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	28 Feb 24	10:20	10:40	0.00	0.20	0.00	0.36	0.36
2	28 Feb 24	10:41	11:01	0.02	0.20	0.03	0.37	0.34
3	28 Feb 24	11:02	11:22	0.02	0.21	0.04	0.39	0.35
4	28 Feb 24	11:23	11:43	0.01	0.23	0.03	0.43	0.40
5	28 Feb 24	11:44	12:04	0.05	0.24	0.10	0.44	0.34
6*	28 Feb 24	12:05	12:25	0.00	0.32	0.00	0.59	0.59
7	28 Feb 24	12:26	12:46	0.00	0.23	0.00	0.43	0.43
8	28 Feb 24	12:47	13:07	0.00	0.25	0.00	0.47	0.47
9*	28 Feb 24	13:08	13:28	0.00	0.27	0.00	0.51	0.51
10	28 Feb 24	13:29	13:49	0.01	0.19	0.02	0.34	0.33
11	28 Feb 24	13:50	14:10	0.01	0.20	0.02	0.38	0.36
12*	28 Feb 24	14:11	14:31	0.00	0.22	0.00	0.48	0.47
	Average					0.03	0.40	0.37
	Confidence Coefficient (CC)							0.04
	Relative Accuracy (Compared with Emission Standard : 10 ppm) (%)							4.11
	Relative Accuracy Criteria 1/ (Compared with Emission Standard : 10 ppm)							≤ 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]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418546
Date Received : Feb 29, 2024
Date Reported : Mar 12, 2024
Report Number : 2913272-1

Sample Number 2418546-1
Sampled Date Feb 28, 2024
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	28 Feb 24	10:20	10:40	0.00	0.56	0.00	1.05	1.05
2*	28 Feb 24	10:41	11:01	0.00	0.64	0.00	1.18	1.18
3	28 Feb 24	11:02	11:22	0.00	0.59	0.00	1.09	1.09
4	28 Feb 24	11:23	11:43	0.00	0.62	0.00	1.15	1.15
5	28 Feb 24	11:44	12:04	0.00	0.57	0.00	1.04	1.04
6	28 Feb 24	12:05	12:25	0.00	0.62	0.00	1.15	1.15
7	28 Feb 24	12:26	12:46	0.00	0.57	0.00	1.06	1.06
8	28 Feb 24	12:47	13:07	0.00	0.58	0.00	1.06	1.06
9	28 Feb 24	13:08	13:28	0.00	0.58	0.00	1.08	1.08
10	28 Feb 24	13:29	13:49	0.00	0.59	0.00	1.09	1.09
11*	28 Feb 24	13:50	14:10	0.04	0.79	0.08	1.48	1.40
12*	28 Feb 24	14:11	14:31	5.75	7.32	12.47	15.71	3.25
	Average					0.00	1.08	1.08
	Confidence Coefficient (CC)							0.03
	Relative Accuracy (Compared with Emission Standard : 690 ppm) (%)							0.16
	Relative Accuracy Criteria 1/ (Compared with Emission Standard :690 ppm)							≤ 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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418546
Date Received : Feb 29, 2024
Date Reported : Mar 12, 2024
Report Number : 2913272-1

Sample Number 2418546-1
Sampled Date Feb 28, 2024
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	28 Feb 24	10:20	10:40	13.39	13.39	0.01
2*	28 Feb 24	10:41	11:01	13.36	13.38	0.03
3	28 Feb 24	11:02	11:22	13.36	13.36	0.00
4	28 Feb 24	11:23	11:43	13.36	13.36	0.00
5	28 Feb 24	11:44	12:04	13.36	13.36	0.00
6	28 Feb 24	12:05	12:25	13.36	13.36	0.00
7	28 Feb 24	12:26	12:46	13.35	13.36	0.01
8	28 Feb 24	12:47	13:07	13.36	13.35	-0.01
9	28 Feb 24	13:08	13:28	13.35	13.34	-0.01
10	28 Feb 24	13:29	13:49	13.36	13.35	-0.01
11*	28 Feb 24	13:50	14:10	13.47	13.45	-0.02
12*	28 Feb 24	14:11	14:31	14.49	14.43	-0.06
	Average			13.36	13.36	0.00
	Confidence Coefficient (CC)					-
	Relative Accuracy (Compared in Actual) (%)					0.00
	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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418556
Date Received :Feb 29, 2024
Date Reported :Mar 12, 2024
Report Number :2924834-1

Sample Number 2418556-1
Sampled Date Feb 28, 2024
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*	28 Feb 24	10:40	10:54	1,703,294	2,076,847	373,553
2	28 Feb 24	11:35	11:49	1,718,466	1,984,092	265,626
3*	28 Feb 24	11:50	12:04	1,719,341	1,985,997	266,656
4	28 Feb 24	12:05	12:19	1,723,372	1,973,186	249,814
5*	28 Feb 24	12:20	12:34	1,721,620	2,005,392	283,772
6	28 Feb 24	12:35	12:49	1,739,197	1,994,572	255,375
7	28 Feb 24	12:50	13:04	1,734,135	1,999,150	265,015
8	28 Feb 24	13:05	13:19	1,733,586	1,974,808	241,222
9	28 Feb 24	13:20	13:34	1,723,769	1,983,512	259,743
10	28 Feb 24	13:35	13:49	1,722,393	1,983,775	261,382
11	28 Feb 24	13:50	14:04	1,720,091	1,861,670	141,579
12	28 Feb 24	14:05	14:19	1,383,826	1,455,231	71,405
	Average			1,688,760	1,912,222	223,462
	Confidence Coefficient (CC)					53,055
	Relative Accuracy [1/] (Compared with RM) (%)					14.46
	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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418556
Date Received :Feb 29, 2024
Date Reported :Mar 12, 2024
Report Number :2924834-1

Sample Number 2418556-1
Sampled Date Feb 28, 2024
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	28 Feb 24	10:40	10:54	90.6	88.5	-2.1
2	28 Feb 24	11:35	11:49	90.0	86.1	-3.9
3	28 Feb 24	11:50	12:04	90.5	86.0	-4.5
4	28 Feb 24	12:05	12:19	90.5	86.1	-4.4
5*	28 Feb 24	12:20	12:34	90.6	85.2	-5.4
6	28 Feb 24	12:35	12:49	90.1	85.0	-5.1
7	28 Feb 24	12:50	13:04	89.8	84.9	-4.9
8	28 Feb 24	13:05	13:19	90.2	84.9	-5.3
9	28 Feb 24	13:20	13:34	90.2	85.0	-5.2
10*	28 Feb 24	13:35	13:49	90.3	84.9	-5.4
11*	28 Feb 24	13:50	14:04	90.4	83.8	-6.7
12	28 Feb 24	14:05	14:19	87.4	82.1	-5.4
	Average			89.9	85.4	-4.5
	Confidence Coefficient (CC)					0.8
	Relative Accuracy [1/] (Compared with RM) (%)					6.2
	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 : Ussaree Namburee

Technical Management [redacted]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418547
Date Received : Mar 08, 2024
Date Reported : Mar 12, 2024
Report Number : 2913271-1

Sample Number 2418547-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
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	08 Mar 24	10:35	10:55	20.12	19.25	37.49	34.88	-2.61
2	08 Mar 24	10:56	11:16	20.23	19.14	37.70	34.87	-2.82
3	08 Mar 24	11:17	11:37	20.32	19.16	37.91	35.01	-2.90
4	08 Mar 24	11:38	11:58	20.37	19.18	37.97	35.06	-2.91
5	08 Mar 24	11:59	12:19	20.95	19.71	39.13	36.11	-3.02
6	08 Mar 24	12:20	12:40	20.63	19.48	38.56	35.64	-2.92
7	08 Mar 24	12:41	13:01	21.24	19.99	39.71	36.64	-3.07
8*	08 Mar 24	13:02	13:22	21.56	20.22	40.35	37.04	-3.32
9	08 Mar 24	13:23	13:43	21.79	20.51	40.82	37.70	-3.13
10	08 Mar 24	13:44	14:04	22.14	20.82	41.51	38.32	-3.19
11*	08 Mar 24	14:05	14:25	22.65	21.31	42.55	39.28	-3.27
12*	08 Mar 24	14:26	14:46	22.78	21.40	42.82	39.48	-3.34
	Average					38.98	36.02	-2.95
	Confidence Coefficient (CC)							0.13
	Relative Accuracy (Compared with RM) (%)							8.57
	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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418547
Date Received : Mar 08, 2024
Date Reported : Mar 12, 2024
Report Number : 2913271-1

Sample Number 2418547-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
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	08 Mar 24	10:35	10:55	0.00	0.21	0.00	0.38	0.38
2	08 Mar 24	10:56	11:16	0.00	0.15	0.00	0.27	0.27
3	08 Mar 24	11:17	11:37	0.00	0.12	0.00	0.22	0.22
4	08 Mar 24	11:38	11:58	0.00	0.20	0.00	0.36	0.36
5	08 Mar 24	11:59	12:19	0.00	0.16	0.00	0.30	0.30
6	08 Mar 24	12:20	12:40	0.00	0.21	0.00	0.38	0.38
7*	08 Mar 24	12:41	13:01	0.00	0.26	0.00	0.48	0.48
8*	08 Mar 24	13:02	13:22	0.00	0.30	0.00	0.54	0.54
9*	08 Mar 24	13:23	13:43	0.00	0.27	0.00	0.49	0.49
10	08 Mar 24	13:44	14:04	0.00	0.22	0.00	0.40	0.40
11	08 Mar 24	14:05	14:25	0.00	0.22	0.00	0.41	0.41
12	08 Mar 24	14:26	14:46	0.00	0.20	0.00	0.37	0.37
	Average					0.00	0.34	0.34
	Confidence Coefficient (CC)							0.05
	Relative Accuracy (Compared with Emission Standard : 10 ppm) (%)							3.92
	Relative Accuracy Criteria 1/ (Compared with Emission Standard : 10 ppm)							≤ 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]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418547
Date Received : Mar 08, 2024
Date Reported : Mar 12, 2024
Report Number : 2913271-1

Sample Number 2418547-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
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	08 Mar 24	10:35	10:55	0.00	0.32	0.00	0.59	0.59
2	08 Mar 24	10:56	11:16	0.00	0.26	0.00	0.48	0.48
3	08 Mar 24	11:17	11:37	0.00	0.24	0.00	0.44	0.44
4	08 Mar 24	11:38	11:58	0.00	0.31	0.00	0.57	0.57
5	08 Mar 24	11:59	12:19	0.00	0.28	0.00	0.51	0.51
6	08 Mar 24	12:20	12:40	0.00	0.40	0.00	0.74	0.74
7*	08 Mar 24	12:41	13:01	0.00	0.56	0.00	1.03	1.03
8	08 Mar 24	13:02	13:22	0.00	0.41	0.00	0.75	0.75
9	08 Mar 24	13:23	13:43	0.00	0.41	0.00	0.75	0.75
10*	08 Mar 24	13:44	14:04	0.00	0.48	0.00	0.88	0.88
11*	08 Mar 24	14:05	14:25	0.00	0.44	0.00	0.80	0.80
12	08 Mar 24	14:26	14:46	0.00	0.37	0.00	0.68	0.68
	Average					0.00	0.61	0.61
	Confidence Coefficient (CC)							0.12
	Relative Accuracy (Compared with Emission Standard : 690 ppm) (%)							0.11
	Relative Accuracy Criteria 1/ (Compared with Emission Standard :690 ppm)							≤ 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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418547
Date Received : Mar 08, 2024
Date Reported : Mar 12, 2024
Report Number : 2913271-1

Sample Number 2418547-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
Parameter O2

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual		Difference
		Start	Stop	CEMs (%)	RM (%)	
1*	08 Mar 24	10:35	10:55	13.44	13.23	-0.21
2*	08 Mar 24	10:56	11:16	13.44	13.27	-0.17
3	08 Mar 24	11:17	11:37	13.45	13.29	-0.16
4	08 Mar 24	11:38	11:58	13.44	13.30	-0.15
5	08 Mar 24	11:59	12:19	13.46	13.31	-0.15
6	08 Mar 24	12:20	12:40	13.46	13.30	-0.16
7	08 Mar 24	12:41	13:01	13.47	13.32	-0.15
8*	08 Mar 24	13:02	13:22	13.47	13.31	-0.16
9	08 Mar 24	13:23	13:43	13.48	13.34	-0.15
10	08 Mar 24	13:44	14:04	13.49	13.35	-0.14
11	08 Mar 24	14:05	14:25	13.50	13.36	-0.14
12	08 Mar 24	14:26	14:46	13.51	13.37	-0.14
	Average			13.47	13.33	-0.15
	Confidence Coefficient (CC)					-
	Relative Accuracy (Compared in Actual) (%)					0.15
	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]

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418557
Date Received :Mar 11, 2024
Date Reported :Mar 18, 2024
Report Number :2933428-1

Sample Number 2418557-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
Parameter Flowrate

Relative Accuracy Test Audit Report

Run No.	Date	Time		Flowrate Data		Difference
		Start	Stop	CEMs (Nm3/Hr)	RM (Nm3/Hr)	
1	08 Mar 24	11:25	11:39	1,738,777	1,843,222	104,445
2	08 Mar 24	11:40	11:54	1,744,459	1,838,830	94,371
3	08 Mar 24	11:55	12:09	1,754,373	1,812,155	57,782
4*	08 Mar 24	12:10	12:24	1,741,966	1,847,675	105,709
5	08 Mar 24	12:25	12:39	1,737,656	1,818,438	80,782
6	08 Mar 24	12:40	12:54	1,751,449	1,822,553	71,104
7*	08 Mar 24	12:55	13:09	1,739,162	1,845,594	106,432
8	08 Mar 24	13:10	13:24	1,755,921	1,840,648	84,727
9*	08 Mar 24	13:25	13:39	1,761,515	1,877,833	116,318
10	08 Mar 24	13:40	13:54	1,747,011	1,842,044	95,033
11	08 Mar 24	13:55	14:09	1,772,311	1,828,483	56,172
12	08 Mar 24	14:10	14:24	1,760,079	1,842,309	82,230
	Average			1,751,337	1,832,076	80,739
	Confidence Coefficient (CC)					12,728
	Relative Accuracy 1/ (Compared with RM) (%)					5.10
	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]

ทะเบียนเลขที่ ว-204-ก-6113 ทะเบียนเลขที่ ว-204-ก-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418557
Date Received :Mar 11, 2024
Date Reported :Mar 18, 2024
Report Number :2933428-1

Sample Number 2418557-1
Sampled Date Mar 08, 2024
Sample Description Emission from Stationary Source
Location HRSG 12
Parameter Stack Temperature

Relative Accuracy Test Audit Report

Run No.	Date	Time		Temperature Data		Difference
		Start	Stop	CEMs (°C)	RM (°C)	
1	08 Mar 24	11:25	11:39	90.8	92.0	1.2
2	08 Mar 24	11:40	11:54	91.1	90.5	-0.6
3	08 Mar 24	11:55	12:09	90.9	89.0	-1.9
4	08 Mar 24	12:10	12:24	90.9	87.5	-3.4
5	08 Mar 24	12:25	12:39	90.9	87.0	-3.9
6*	08 Mar 24	12:40	12:54	90.7	86.5	-4.2
7	08 Mar 24	12:55	13:09	90.7	86.5	-4.2
8*	08 Mar 24	13:10	13:24	90.8	86.5	-4.3
9*	08 Mar 24	13:25	13:39	91.0	86.0	-5.0
10	08 Mar 24	13:40	13:54	90.6	86.5	-4.1
11	08 Mar 24	13:55	14:09	90.7	86.5	-4.2
12	08 Mar 24	14:10	14:24	90.6	86.5	-4.1
	Average			90.8	88.0	-2.8
	Confidence Coefficient (CC)					1.5
	Relative Accuracy 1/ (Compared with RM) (%)					4.9
	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 : Khanetson Khamphet

Technical Management [redacted]

ทะเบียนเลขที่ ว-204-ก-6113 ทะเบียนเลขที่ ว-204-ก-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418548
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913269-1

Sample Number 2418548-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
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*	19 Feb 24	10:40	11:00	24.36	22.88	46.22	42.09	-4.13
2	19 Feb 24	11:01	11:21	24.26	22.90	46.11	42.29	-3.83
3	19 Feb 24	11:22	11:42	22.24	21.12	44.02	40.21	-3.81
4	19 Feb 24	11:43	12:03	20.31	19.14	41.49	37.77	-3.73
5*	19 Feb 24	12:04	12:24	21.86	20.37	46.47	42.14	-4.34
6*	19 Feb 24	12:25	12:45	21.60	20.28	46.05	41.72	-4.33
7	19 Feb 24	12:46	13:06	21.52	20.44	44.96	41.65	-3.31
8	19 Feb 24	13:07	13:27	23.67	22.34	45.46	41.99	-3.47
9	19 Feb 24	13:28	13:48	21.43	20.17	45.28	41.32	-3.96
10	19 Feb 24	13:49	14:09	22.32	21.11	47.34	43.39	-3.95
11	19 Feb 24	14:10	14:30	22.73	21.15	45.52	41.51	-4.01
12	19 Feb 24	14:31	14:51	22.99	22.01	44.94	42.08	-2.86
	Average					45.01	41.36	-3.66
	Confidence Coefficient (CC)							0.29
	Relative Accuracy (Compared with RM) (%)							9.55
	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-6113

ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418548
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913269-1

Sample Number 2418548-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
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	19 Feb 24	10:40	11:00	0.12	0.21	0.23	0.38	0.15
2	19 Feb 24	11:01	11:21	0.07	0.27	0.14	0.50	0.36
3	19 Feb 24	11:22	11:42	0.14	0.46	0.28	0.88	0.60
4	19 Feb 24	11:43	12:03	0.14	0.41	0.29	0.81	0.52
5	19 Feb 24	12:04	12:24	0.08	0.32	0.17	0.66	0.48
6	19 Feb 24	12:25	12:45	0.08	0.42	0.17	0.87	0.70
7*	19 Feb 24	12:46	13:06	0.04	0.53	0.09	1.08	0.99
8	19 Feb 24	13:07	13:27	0.02	0.35	0.04	0.66	0.62
9*	19 Feb 24	13:28	13:48	0.04	0.40	0.09	0.82	0.73
10*	19 Feb 24	13:49	14:09	0.03	0.49	0.07	1.01	0.94
11	19 Feb 24	14:10	14:30	0.02	0.28	0.05	0.55	0.50
12	19 Feb 24	14:31	14:51	0.02	0.33	0.04	0.62	0.59
	Average					0.16	0.66	0.50
	Confidence Coefficient (CC)							0.13
	Relative Accuracy (Compared with Emission Standard : 10 ppm) (%)							6.28
	Relative Accuracy Criteria 1/ (Compared with Emission Standard : 10 ppm)							≤ 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]

Manager
ทะเบียนเลขที่ ว-204-ค-6113

Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418548
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913269-1

Sample Number 2418548-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
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	19 Feb 24	10:40	11:00	1.18	0.07	2.24	0.13	-2.10
2*	19 Feb 24	11:01	11:21	1.48	0.09	2.80	0.17	-2.64
3	19 Feb 24	11:22	11:42	2.50	1.96	4.95	3.73	-1.22
4	19 Feb 24	11:43	12:03	4.64	5.28	9.49	10.41	0.92
5*	19 Feb 24	12:04	12:24	4.49	6.06	9.54	12.54	3.00
6	19 Feb 24	12:25	12:45	4.17	5.25	8.90	10.80	1.90
7*	19 Feb 24	12:46	13:06	3.45	4.83	7.21	9.84	2.63
8	19 Feb 24	13:07	13:27	0.09	0.61	0.18	1.15	0.97
9	19 Feb 24	13:28	13:48	4.20	5.05	8.87	10.35	1.47
10	19 Feb 24	13:49	14:09	2.89	3.84	6.13	7.89	1.76
11	19 Feb 24	14:10	14:30	1.95	2.64	3.90	5.19	1.28
12	19 Feb 24	14:31	14:51	0.64	0.96	1.24	1.83	0.59
	Average					5.10	5.72	0.62
	Confidence Coefficient (CC)							1.06
	Relative Accuracy (Compared with Emission Standard : 690 ppm) (%)							0.24
	Relative Accuracy Criteria 1/ (Compared with Emission Standard :690 ppm)							≤ 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]
Manager
ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Sample Number 2418548-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
Parameter O2

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual		Difference
		Start	Stop	CEMs (%)	RM (%)	
1	19 Feb 24	10:40	11:00	13.57	13.35	-0.23
2	19 Feb 24	11:01	11:21	13.59	13.37	-0.22
3*	19 Feb 24	11:22	11:42	13.88	13.60	-0.28
4*	19 Feb 24	11:43	12:03	14.10	13.85	-0.24
5	19 Feb 24	12:04	12:24	14.36	14.18	-0.18
6*	19 Feb 24	12:25	12:45	14.38	14.14	-0.24
7	19 Feb 24	12:46	13:06	14.25	14.08	-0.17
8	19 Feb 24	13:07	13:27	13.66	13.50	-0.16
9	19 Feb 24	13:28	13:48	14.32	14.12	-0.20
10	19 Feb 24	13:49	14:09	14.35	14.14	-0.21
11	19 Feb 24	14:10	14:30	13.96	13.82	-0.14
12	19 Feb 24	14:31	14:51	13.79	13.63	-0.16
	Average			13.98	13.80	-0.19
	Confidence Coefficient (CC)					-
	Relative Accuracy (Compared in Actual) (%)					0.19
	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 : Anuvat Moungpair

Technical Management [redacted]
Manager
ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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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: 2418558
Date Received :Apr 25, 2024
Date Reported :May 16, 2024
Report Number :2975859-1

Sample Number 2418558-1
Sampled Date Apr 25, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
Parameter Flowrate

Relative Accuracy Test Audit Report

Run No.	Date	Time		Flowrate Data		Difference
		Start	Stop	CEMs (Nm3/Hr)	RM (Nm3/Hr)	
1*	25 Apr 24	10:45	10:59	1,675,579	1,408,445	-267,134
2*	25 Apr 24	11:30	11:44	1,675,477	1,404,205	-271,272
3	25 Apr 24	12:15	12:29	1,477,451	1,445,693	-31,758
4	25 Apr 24	13:00	13:14	1,730,811	1,515,088	-215,723
5	25 Apr 24	13:45	13:59	1,502,777	1,540,488	37,711
6	25 Apr 24	14:30	14:44	1,749,985	1,537,465	-212,520
7	25 Apr 24	14:46	15:00	1,743,740	1,543,003	-200,737
8	25 Apr 24	15:02	15:16	1,752,503	1,575,355	-177,148
9	25 Apr 24	15:18	15:32	1,750,480	1,535,947	-214,533
10	25 Apr 24	15:34	15:48	1,746,033	1,524,227	-221,806
11*	25 Apr 24	15:50	16:04	1,744,170	1,511,324	-232,846
12	25 Apr 24	16:06	16:20	1,736,210	1,523,849	-212,361
	Average			1,687,777	1,526,791	-160,986
	Confidence Coefficient (CC)					73,366
	Relative Accuracy 1/ (Compared with RM) (%)					15.35
	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]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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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: 2418558
Date Received :Apr 25, 2024
Date Reported :May 16, 2024
Report Number :2975859-1

Sample Number 2418558-1
Sampled Date Apr 25, 2024
Sample Description Emission from Stationary Source
Location HRSG 21
Parameter Stack Temperature

Relative Accuracy Test Audit Report

Run No.	Date	Time		Temperature Data		Difference
		Start	Stop	CEMs (°C)	RM (°C)	
1*	25 Apr 24	10:45	10:59	90.5	85.6	-4.9
2*	25 Apr 24	11:30	11:44	90.6	85.5	-5.1
3*	25 Apr 24	12:15	12:29	90.5	86.8	-3.7
4	25 Apr 24	13:00	13:14	91.5	88.0	-3.5
5	25 Apr 24	13:45	13:59	86.7	88.2	1.5
6	25 Apr 24	14:30	14:44	90.1	87.1	-3.0
7	25 Apr 24	14:46	15:00	90.0	86.8	-3.2
8	25 Apr 24	15:02	15:16	89.9	88.0	-1.9
9	25 Apr 24	15:18	15:32	90.0	87.5	-2.5
10	25 Apr 24	15:34	15:48	89.8	88.4	-1.4
11	25 Apr 24	15:50	16:04	89.8	87.1	-2.7
12	25 Apr 24	16:06	16:20	89.5	88.0	-1.5
	Average			89.7	87.7	-2.0
	Confidence Coefficient (CC)					1.2
	Relative Accuracy 1/ (Compared with RM) (%)					3.6
	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 : Anuvat Moungpair

Technical Management [redacted]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418549
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913268-1

Sample Number 2418549-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
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*	19 Feb 24	10:20	10:40	24.97	21.32	46.46	38.52	-7.94
2	19 Feb 24	10:41	11:01	24.92	22.84	46.43	41.26	-5.16
3	19 Feb 24	11:02	11:22	25.13	23.31	47.03	42.34	-4.69
4	19 Feb 24	11:23	11:43	24.91	23.20	48.90	43.76	-5.14
5	19 Feb 24	11:44	12:04	25.14	23.83	51.19	46.70	-4.49
6*	19 Feb 24	12:05	12:25	23.28	21.34	49.74	43.97	-5.77
7*	19 Feb 24	12:26	12:46	23.64	21.86	50.15	44.70	-5.45
8	19 Feb 24	12:47	13:07	24.85	23.21	51.53	46.76	-4.77
9	19 Feb 24	13:08	13:28	25.84	25.33	49.17	46.66	-2.50
10	19 Feb 24	13:29	13:49	24.55	23.30	51.84	47.35	-4.50
11	19 Feb 24	13:50	14:10	24.65	23.82	51.99	48.47	-3.51
12	19 Feb 24	14:11	14:31	26.53	25.85	52.39	50.01	-2.39
	Average					50.05	45.92	-4.13
	Confidence Coefficient (CC)							0.82
	Relative Accuracy (Compared with RM) (%)							10.78
	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-6113

ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418549
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913268-1

Sample Number 2418549-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
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	19 Feb 24	10:20	10:40	0.01	0.15	0.02	0.28	0.26
2	19 Feb 24	10:41	11:01	0.01	0.17	0.02	0.30	0.28
3	19 Feb 24	11:02	11:22	0.01	0.22	0.02	0.39	0.38
4	19 Feb 24	11:23	11:43	0.01	0.26	0.01	0.50	0.49
5	19 Feb 24	11:44	12:04	0.01	0.34	0.01	0.66	0.64
6	19 Feb 24	12:05	12:25	0.01	0.29	0.03	0.59	0.56
7	19 Feb 24	12:26	12:46	0.01	0.34	0.03	0.69	0.66
8*	19 Feb 24	12:47	13:07	0.02	0.41	0.03	0.83	0.79
9	19 Feb 24	13:08	13:28	0.00	0.39	0.00	0.72	0.72
10	19 Feb 24	13:29	13:49	0.01	0.37	0.02	0.76	0.73
11*	19 Feb 24	13:50	14:10	0.01	0.42	0.03	0.86	0.83
12*	19 Feb 24	14:11	14:31	0.00	0.41	0.00	0.80	0.79
	Average					0.02	0.54	0.52
	Confidence Coefficient (CC)							0.14
	Relative Accuracy (Compared with Emission Standard : 10 ppm) (%)							6.65
	Relative Accuracy Criteria 1/ (Compared with Emission Standard : 10 ppm)							≤ 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]

Manager
ทะเบียนเลขที่ ว-204-ค-6113

Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418549
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913268-1

Sample Number 2418549-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
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*	19 Feb 24	10:20	10:40	4.76	0.06	8.85	0.12	-8.73
2	19 Feb 24	10:41	11:01	3.13	0.04	5.84	0.06	-5.77
3	19 Feb 24	11:02	11:22	0.32	0.05	0.59	0.10	-0.50
4	19 Feb 24	11:23	11:43	7.01	4.08	13.76	7.69	-6.07
5*	19 Feb 24	11:44	12:04	13.21	9.03	26.89	17.70	-9.19
6	19 Feb 24	12:05	12:25	26.02	22.84	55.62	47.05	-8.57
7	19 Feb 24	12:26	12:46	22.92	19.68	48.62	40.24	-8.38
8	19 Feb 24	12:47	13:07	16.49	15.30	34.20	30.81	-3.39
9	19 Feb 24	13:08	13:28	1.74	1.08	3.30	1.99	-1.31
10*	19 Feb 24	13:29	13:49	18.48	14.78	39.02	30.04	-8.99
11	19 Feb 24	13:50	14:10	16.95	13.67	35.75	27.81	-7.93
12	19 Feb 24	14:11	14:31	6.54	6.78	12.92	13.12	0.20
	Average					23.40	18.76	-4.63
	Confidence Coefficient (CC)							2.67
	Relative Accuracy (Compared with Emission Standard : 690 ppm) (%)							1.06
	Relative Accuracy Criteria 1/ (Compared with Emission Standard :690 ppm)							≤ 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]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonsiayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418549
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913268-1

Sample Number 2418549-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
Parameter O2

Relative Accuracy Test Audit Report

Run No.	Date	Time		Raw Data at Actual		Difference
		Start	Stop	CEMs (%)	RM (%)	
1	19 Feb 24	10:20	10:40	13.43	13.21	-0.22
2	19 Feb 24	10:41	11:01	13.44	13.21	-0.23
3	19 Feb 24	11:02	11:22	13.47	13.25	-0.23
4*	19 Feb 24	11:23	11:43	13.82	13.53	-0.29
5*	19 Feb 24	11:44	12:04	14.07	13.81	-0.27
6	19 Feb 24	12:05	12:25	14.40	14.15	-0.24
7	19 Feb 24	12:26	12:46	14.35	14.10	-0.25
8	19 Feb 24	12:47	13:07	14.20	14.00	-0.20
9	19 Feb 24	13:08	13:28	13.60	13.35	-0.24
10*	19 Feb 24	13:29	13:49	14.32	14.06	-0.26
11	19 Feb 24	13:50	14:10	14.31	14.07	-0.24
12	19 Feb 24	14:11	14:31	13.86	13.72	-0.15
	Average			13.89	13.67	-0.22
	Confidence Coefficient (CC)					-
	Relative Accuracy (Compared in Actual) (%)					0.22
	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 : Anuvat Moungpair

Technical Management [redacted]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

Client : Gulf JP UT Co., Ltd.
999 Moo 1, Ban Chang, Uthai, Pranakhonslayutthaya Thailand 13210
P/O : 4102004243
Project Name : Monitoring EIA
Project Location : GUT

Lot ID: 2418559
Date Received : Feb 20, 2024
Date Reported : Mar 12, 2024
Report Number : 2913282-2

Sample Number 2418559-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
Parameter Flowrate

Relative Accuracy Test Audit Report

Run No.	Date	Time		Flowrate Data		Difference
		Start	Stop	CEMs (Nm3/Hr)	RM (Nm3/Hr)	
1	19 Feb 24	10:20	10:34	1,730,809	1,906,805	175,996
2	19 Feb 24	11:31	11:45	1,512,288	1,810,811	298,523
3	19 Feb 24	11:46	12:00	1,475,626	1,622,852	147,226
4*	19 Feb 24	12:01	12:15	1,231,522	1,673,882	442,360
5	19 Feb 24	12:16	12:30	1,155,826	1,445,340	289,514
6	19 Feb 24	12:31	12:45	1,187,705	1,490,380	302,675
7*	19 Feb 24	12:46	13:00	1,174,988	1,482,636	307,648
8	19 Feb 24	13:01	13:15	1,497,175	1,628,035	130,860
9	19 Feb 24	13:16	13:30	1,638,939	1,923,166	284,227
10*	19 Feb 24	13:31	13:45	1,223,071	1,742,480	519,409
11	19 Feb 24	13:46	14:00	1,173,156	1,443,769	270,613
12	19 Feb 24	14:01	14:15	1,172,779	1,456,363	283,584
	Average			1,393,811	1,636,391	242,580
	Confidence Coefficient (CC)					53,774
	Relative Accuracy 1/ (Compared with RM) (%)					18.11
	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]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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Sample Number 2418559-1
Sampled Date Feb 19, 2024
Sample Description Emission from Stationary Source
Location HRSG 22
Parameter Stack Temperature

Relative Accuracy Test Audit Report

Run No.	Date	Time		Temperature Data		Difference
		Start	Stop	CEMs (°C)	RM (°C)	
1	19 Feb 24	10:20	10:34	89.4	88.8	-0.6
2	19 Feb 24	11:31	11:45	87.4	86.3	-1.0
3	19 Feb 24	11:46	12:00	86.3	83.8	-2.4
4	19 Feb 24	12:01	12:15	85.8	87.9	2.1
5	19 Feb 24	12:16	12:30	85.4	87.8	2.4
6	19 Feb 24	12:31	12:45	85.8	88.8	3.0
7*	19 Feb 24	12:46	13:00	85.5	88.8	3.4
8	19 Feb 24	13:01	13:15	90.0	92.1	2.1
9*	19 Feb 24	13:16	13:30	91.4	97.0	5.6
10*	19 Feb 24	13:31	13:45	82.8	90.5	7.7
11	19 Feb 24	13:46	14:00	83.4	82.8	-0.7
12	19 Feb 24	14:01	14:15	84.9	85.8	0.9
	Average			86.5	87.1	0.7
	Confidence Coefficient (CC)					1.5
	Relative Accuracy 1/ (Compared with RM) (%)					2.4
	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 : Apisit Singha

Technical Management [redacted]

ทะเบียนเลขที่ ว-204-ค-6113 ทะเบียนเลขที่ ว-204-ค-4702

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ภาคผนวก ข.2-8

ผลการตรวจวัดคุณภาพอากาศจากปล่องระบายอากาศแบบต่อเนื่อง (CEMs)

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2		HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm		mg/m3	ppm	
01-Jul-23 01:00:00	-0.631	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 02:00:00	-0.290	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 03:00:00	-0.534	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 04:00:00	-0.644	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 05:00:00	-0.633	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 06:00:00	-0.641	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 07:00:00	-0.632	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 08:00:00	-0.373	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 09:00:00	-0.723	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 10:00:00	-0.737	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 11:00:00	-0.847	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 12:00:00	-0.766	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 13:00:00	-0.630	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 17:00:00	-0.466	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 18:00:00	-0.650	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 19:00:00	-0.643	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 20:00:00	-0.304	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 23:00:00	-0.313	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jul-23 00:00:00	-0.783	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jul-23 01:00:00	-0.877	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jul-23 06:00:00	-0.749	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jul-23 18:00:00	-0.577	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jul-23 22:00:00	-0.648	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Jul-23 03:00:00	-0.762	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Jul-23 06:00:00	-0.816	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Jul-23 08:00:00	-0.462	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jul-23 09:00:00	-0.782	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jul-23 10:00:00	-0.816	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Jul-23 19:00:00	-0.436	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jul-23 01:00:00	-0.841	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jul-23 02:00:00	-0.636	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jul-23 07:00:00	-0.305	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jul-23 08:00:00	-0.993	0.000	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2		HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW							ppm		mg/m3	ppm	
04-Jul-23 09:00:00	-0.566	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jul-23 14:00:00	-0.939	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jul-23 15:00:00	-0.547	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jul-23 16:00:00	-0.909	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jul-23 20:00:00	-0.372	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Jul-23 02:00:00	-0.719	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jul-23 03:00:00	-0.462	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Jul-23 13:00:00	-0.946	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Jul-23 16:00:00	-0.471	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jul-23 17:00:00	-0.491	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jul-23 18:00:00	-0.533	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Jul-23 19:00:00	-0.847	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Jul-23 23:00:00	-0.709	0.000	Shut Down	Shut Down	Shut Down	Shut Down	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-Jul-23 00:00:00	-0.719	0.000	Shut Down	Shut Down	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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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-Jul-23 17:00:00	-0.440	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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12-Jul-23 09:00:00	-0.705	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 10:00:00	-0.724	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 11:00:00	-0.711	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 12:00:00	-0.796	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 13:00:00	-0.567	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 14:00:00	-0.510	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 15:00:00	-0.466	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
12-Jul-23 16:00:00	-0.473	0.000	Shut Down	Shut Down	Shut Down	Shut 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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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	
14-Jul-23 00:00:00	-0.432	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 01:00:00	-0.622	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 11:00:00	-0.537	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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14-Jul-23 13:00:00	-0.805	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 14:00:00	-0.818	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 15:00:00	-0.542	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 16:00:00	-0.627	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-Jul-23 06:00:00	-0.759	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 04:00:00	-0.823	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 06:00:00	-0.821	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 09:00:00	-0.817	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 10:00:00	-0.816	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 11:00:00	-0.814	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 12:00:00	-0.813	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 14:00:00	-0.810	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 15:00:00	-0.808	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 16:00:00	-0.807	0.000	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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	
17-Jul-23 17:00:00	-0.806	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 18:00:00	-0.804	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 21:00:00	-0.900	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 22:00:00	-0.909	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 23:00:00	-0.947	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 00:00:00	-0.926	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Jul-23 09:00:00	-0.964	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 10:00:00	-0.962	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 11:00:00	-0.961	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 12:00:00	-0.960	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 13:00:00	-0.978	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 14:00:00	-0.977	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 15:00:00	-0.976	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 16:00:00	-0.974	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Jul-23 18:00:00	-0.971	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 19:00:00	-0.970	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 20:00:00	-0.969	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 21:00:00	-0.967	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jul-23 22:00:00	-0.965	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jul-23 06:00:00	-0.345	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jul-23 08:00:00	-0.982	0.000	Shut Down	Shut Down	Shut Down	Shut 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: 01/7/2023 00 00-31/7/2023 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM SEC	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@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		mg/m3	ppm	
21-Jul-23 01:00:00	-0.404	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 02:00:00	-0.406	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 03:00:00	-0.194	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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21-Jul-23 05:00:00	-0.401	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 06:00:00	-0.405	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 07:00:00	-0.405	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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21-Jul-23 09:00:00	-0.406	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 10:00:00	-0.404	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
21-Jul-23 11:00:00	-0.403	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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22-Jul-23 01:00:00	-0.464	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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22-Jul-23 06:00:00	-0.457	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
22-Jul-23 07:00:00	-0.456	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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22-Jul-23 21:00:00	-0.435	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
22-Jul-23 22:00:00	-0.433	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
22-Jul-23 23:00:00	-0.434	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 00:00:00	-0.432	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 01:00:00	-0.431	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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23-Jul-23 05:00:00	-0.426	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 06:00:00	-0.424	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 07:00:00	-0.423	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 08:00:00	-0.421	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 09:00:00	-0.420	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 10:00:00	-0.419	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 11:00:00	-0.417	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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23-Jul-23 17:00:00	-0.409	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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23-Jul-23 21:00:00	-0.404	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 22:00:00	-0.402	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
23-Jul-23 23:00:00	-0.401	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 00:00:00	-0.400	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 01:00:00	-0.398	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 02:00:00	-0.397	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 03:00:00	-0.396	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 04:00:00	-0.394	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 05:00:00	-0.393	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 06:00:00	-0.391	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 07:00:00	-0.390	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 08:00:00	-0.388	0.000	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00 00-31/7/2023 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM SEC	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@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		mg/m3	ppm	
24-Jul-23 09:00:00	-0.387	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 10:00:00	-0.386	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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24-Jul-23 17:00:00	-0.376	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 18:00:00	-0.375	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 19:00:00	-0.374	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 20:00:00	-0.372	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 21:00:00	-0.371	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 22:00:00	-0.370	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
24-Jul-23 23:00:00	-0.368	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
25-Jul-23 00:00:00	-0.367	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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25-Jul-23 02:00:00	-0.364	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
25-Jul-23 03:00:00	-0.363	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
25-Jul-23 04:00:00	-0.361	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
25-Jul-23 05:00:00	-0.360	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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25-Jul-23 19:00:00	-0.341	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
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26-Jul-23 00:00:00	-0.334	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 01:00:00	-0.333	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 02:00:00	-0.331	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 03:00:00	-0.330	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 04:00:00	-0.329	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 05:00:00	-0.327	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		Shut Down	Shut Down	
26-Jul-23 06:00:00	-0.326

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRS011_NOx@7%O2	[illegible]	HRS011_Dust (7%O2)	HRS011_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	
27-Jul-23 17:00:00	-0.278	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 18:00:00	-0.277	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 19:00:00	-0.276	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 20:00:00	-0.274	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 21:00:00	-0.273	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 22:00:00	-0.271	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Jul-23 00:00:00	-0.269	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Jul-23 02:00:00	-0.266	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jul-23 01:00:00	-0.235	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jul-23 07:00:00	-0.226	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jul-23 13:00:00	-0.218	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 14:00:00	-0.217	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jul-23 22:00:00	-0.206	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 23:00:00	-0.205	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jul-23 01:00:00	-0.202	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jul-23 09:00:00	-0.191	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 10:00:00	-0.190	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jul-23 12:00:00	-0.187	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jul-23 20:00:00	-0.176	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 21:00:00	-0.175	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 22:00:00	-0.173	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 23:00:00	-0.172	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 00:00:00	-0.171	0.000	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRS011_NOx@7%O2	[illegible]	HRS011_Dust (7%O2)	HRS011_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	
31-Jul-23 01:00:00	-0.169	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 02:00:00	-0.168	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 03:00:00	-0.167	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 04:00:00	-0.165	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 05:00:00	-0.163	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 06:00:00	-0.162	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 07:00:00	0.015	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 08:00:00	-0.213	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 09:00:00	-0.329	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 10:00:00	-0.245	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 11:00:00	-0.261	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 12:00:00	-0.277	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 13:00:00	-0.293	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 14:00:00	-0.309	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 15:00:00	-0.329	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 16:00:00	-0.040	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 17:00:00	-0.156	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 18:00:00	-0.060	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 19:00:00	-0.278	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 20:00:00	-0.070	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 21:00:00	-0.187	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 22:00:00	-0.095	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 23:00:00	-0.097	0.000	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Aug-23 00:00:00	0.032	0.000	Shut Down	Shut Down	Shut Down	Shut Down	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	-1.07	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	0.04	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	-0.50	0.00	#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!	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jul-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 35C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
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10-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
10-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00 00-31/7/2023 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 35C	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	
11-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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11-Jul-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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11-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
14-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-Jul-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jul-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
17-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
21-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
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Periodically: 01/7/2023 00:00-31/7/2023 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	
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01-Aug-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/7/2023 00:00-31/7/2023 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-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM PAC	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	
01-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM PAC	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/7/2023 00:00-31/7/2023 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	
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Site Name: GULF_GUT
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Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_OUT
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Period/Daily: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
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23-Jul-23 20:00:00	24.913	0.000	0.481	0.672	0.000	13.563	1883.907	372.017	0.000078	0.021677	0	0	0.000001	0.00021132	47.788	0.000	0.481	0.000	
23-Jul-23 21:00:00	24.183	0.000	0.464	0.509	0.000	13.811	1544.317	292.951	0.000071	0.019744	0	0	0.000001	0.00021574	45.973	0.000	0.464	0.000	
23-Jul-23 22:00:00	18.583	0.000	0.358	0.508	0.913	14.090	1556.706	169.696	0.000040	0.011093	0	0	0.000000	0.00011152	34.808	0.000	0.358	0.000	
23-Jul-23 23:00:00	21.337	0.000	0.010	0.154	0.922	14.027	967.562	165.687	0.000040	0.011124	0	0	0.000008	0.00000853	43.247	0.000	0.010	13.376	
24-Jul-23 00:00:00	21.095	0.000	0.012	0.222	0.889	14.219	1019.452	174.953	0.000041	0.011456	0	0	0.000000	0.00000231	44.954	0.000	0.012	13.370	
24-Jul-23 01:00:00	21.094	0.000	0.014	0.355	8.645	14.290	1011.568	169.707	0.000040	0.011077	0	0	0.000000	0.00000907	43.447	0.000	0.014	13.277	
24-Jul-23 02:00:00	18.120	0.000	0.022	0.372	3.592	14.235	1042.602	169.721	0.000036	0.009873	0	0	0.000000	0.00000536	37.649	0.000	0.022	13.160	
24-Jul-23 03:00:00	21.010	0.000	0.174	0.328	7.941	14.232	1026.927	169.948	0.000042	0.011836	0	0	0.000000	0.00004490	44.922	0.000	0.174	15.830	
24-Jul-23 04:00:00	22.218	0.000	0.142	0.189	8.459	14.152	1014.209	169.581	0.000042	0.011780	0	0	0.000000	0.00003406	46.675	0.000	0.142	11.115	
24-Jul-23 05:00:00	21.805	0.000	0.141	0.345	6.350	14.145	990.109	171.877	0.000040	0.011123	0	0	0.000000	0.00003388	44.067	0.000	0.141	12.978	
24-Jul-23 06:00:00	22.738	0.000	0.123	0.255	4.731	14.131	1018.027	181.473	0.000043	0.012073	0	0	0.000000	0.00003471	46.911	0.000	0.123	9.492	
24-Jul-23 07:00:00	18.605	0.000	0.160	0.121	8.706	14.252	1146.793	177.715	0.000040	0.011201	0	0	0.000000	0.00000574	39.554	0.000	0.160	14.940	
24-Jul-23 08:00:00	21.888	0.000	0.201	0.345	7.524	14.057	969.694	114.958	0.000043	0.011842	0	0	0.000000	0.00000339	47.429	0.000	0.201	5.218	

Site Name: GULF_OUT
Stack Name: HRSG_STACK21
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
24-Jul-23 09:00:00	22.032	0.000	0.315	0.144	5.508	14.181	970.660	162.664	0.000041	0.011375	0	0	0.000000	0.00001696	46.402	0.000	0.315	11.803	
24-Jul-23 10:00:00	20.671	0.000	0.145	0.280	9.509	14.072	1009.805	169.570	0.000039	0.010999	0	0	0.000000	0.00002402	43.153	0.000	0.145	15.933	
24-Jul-23 11:00:00	21.805	0.000	0.373	0.512	6.952	14.064	1006.692	165.189	0.000042	0.011533	0	0	0.000000	0.00003645	44.972	0.000	0.373	17.327	
24-Jul-23 12:00:00	19.7007405051	0	0.6215564167	0.7067515345	28.01944244	14.4272995	908.0564434	149.9731668	0.000038	0.010681	0	0	0.000001	0.00001826	42.77484703	0	0.6215564167	86.84441381	
24-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jul-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition							Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
27-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Jul-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition							Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
31-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Aug-23 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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	17.65	0.00	0.00	0.00	0.00	13.55	808.30	140.47	0.00	0.01	0.00	0.00	0.00	0.00	34.28	0.00	0.00	0.00	
Maximum	24.81	0.05	0.62	0.77	28.06	14.59	1,664.93	272.12	0.00	0.02	0.00	0.00	0.00	0.00	47.43	1.38	0.62	59.81	
Avg	20.96	0.00	0.09	0.15	3.54	14.13	1,034.79	170.65	0.00	0.01	0.00	0.00	0.00	0.00	40.98	0.42	0.09	11.54	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00 00-31/7/2023 23 59

Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM AND 70C	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-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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-23 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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03-Jul-23 00:00:00	23.060	0.000	1.916	1.837	1.154	13.483	1720.303	272.170	0.000375	0.029750	0	0	0.000101	0.0008064	43.174	0.000	1.956	2.196	
03-Jul-23 01:00:00	24.047	0.000	1.998	2.172	1.355	14.494	1707.873	140.118	0.000041	0.011266	2.5897E-08	7.1917E-09	0.000002	0.0006094	42.747	0.000	1.982	75.180	
03-Jul-23 02:00:00	21.794	0.012	1.791	1.946	17.767	14.135	1721.482	142.377	0.000046	0.012771	3.1483E-08	9.0964E-09	0.000002	0.0005579	44.594	0.023	1.791	38.469	
03-Jul-23 03:00:00	21.172	0.007	1.816	2.152	28.680	14.249	1715.678	143.209	0.000044	0.012238	1.9124E-07	5.4423E-08	0.000002	0.0005059	43.968	0.013	1.816	49.051	
03-Jul-23 04:00:00	22.800	0.000	2.048	2.164	11.344	13.964	1778.795	156.438	0.000051	0.014649	0	0	0.000002	0.0006719	45.148	0.000	2.048	21.669	
03-Jul-23 05:00:00	25.985	0.000	2.047	2.193	25.726	14.218	1697.195	142.000	0.000042	0.011501	0	0	0.000002	0.0005240	42.993	0.000	2.047	53.132	
03-Jul-23 06:00:00	22.564	0.023	2.226	2.376	17.514	14.119	1781.980	150.954	0.000050	0.013927	2.254E-07	6.261E-08	0.000003	0.0007304	48.946	0.149	2.226	33.474	
03-Jul-23 07:00:00	21.496	0.060	2.176	2.315	31.063	14.295	1758.411	142.576	0.000044	0.012137	2.732E-07	7.589E-08	0.000002	0.0006631	42.864	0.372	2.176	63.005	
03-Jul-23 08:00:00	29.478	0.003	2.095	2.151	27.952	14.302	1678.464	135.249	0.000042	0.011540	5.264E-08	2.205E-08	0.000002	0.0006012	42.960	0.000	2.095	57.664	
03-Jul-23 09:00:00	26.082	0.000	2.036	2.163	24.293	14.240	1700.771	143.692	0.000043	0.011895	0	0	0.000002	0.0006183	42.978	0.000	2.036	50.366	
03-Jul-23 10:00:00	19.937	0.522	2.081	2.263	29.127	14.095	1738.265	144.057	0.000042	0.011789	3.815E-07	1.060E-07	0.000002	0.0006062	41.502	0.250	2.081	50.915	
03-Jul-23 11:00:00	20.462	0.074	1.949	2.142	24.164	14.274	1719.910	143.707	0.000044	0.012047	2.189E-07	6.025E-08	0.000002	0.0006047	43.976	0.143	1.949	46.865	
03-Jul-23 12:00:00	19.600	0.003	2.215	2.478	84.901	14.376	1054.825	142.009	0.000039	0.010958	9.489E-09	2.630E-09	0.000002	0.0006552	41.587	0.002	2.215	73.429	
03-Jul-23 13:00:00	21.700	0.000	1.988	2.093	20.011	14.259	1698.030	141.544	0.000044	0.012176	0	0	0.000002	0.0006093	44.795	0.000	1.988	41.540	
03-Jul-23 14:00:00	21.597	0.000	1.905	2.117	19.937	14.299	1709.921	139.721	0.000042	0.011738	1.2317E-08	3.421E-09	0.000002	0.0005858	50.021	0.000	1.905	10.631	
03-Jul-23 15:00:00	21.491	0.006	2.092	2.274	23.072	14.370	1753.670	141.192	0.000047	0.012990	2.651E-08	7.364E-09	0.000002	0.0006723	46.586	0.000	2.092	48.413	
03-Jul-23 16:00:00	27.082	0.000	1.872	2.056	16.809	14.378	1721.417	141.167	0.000047	0.012942	0	0	0.000002	0.0005832	46.936	0.000	1.872	34.078	
03-Jul-23 17:00:00	24.951	0.000	1.690	1.703	9.974	13.792	1845.255	201.947	0.000070	0.019239	0	0	0.000002	0.0005274	48.945	0.000	1.690	13.032	
03-Jul-23 18:00:00	23.940	0.000	1.943	1.983	0.000	13.437	1851.598	256.473	0.000089	0.018777	0	0	0.000002	0.0005837	50.136	0.000	1.943	0.000	
03-Jul-23 19:00:00	21.052	0.091	1.406	1.397	2.367	15.532	1564.645	230.922	0.000062	0.017108	2.417E-09	6.715E-07	0.000002	0.0005934	48.150	0.000	1.406	4.143	
03-Jul-23 20:00:00	20.427	0.000	1.993	1.757	9.071	13.390	1908.356	259.143	0.000061	0.016868	0	0	0.000002	0.0005809	47.952	0.000	1.993	13.061	
03-Jul-23 21:00:00	20.879	0.000	2.169	2.368	22.758	14.212	1728.267	142.425	0.000044	0.012097	0	0	0.000002	0.0006795	43.178	0.000	2.169	47.287	
03-Jul-23 22:00:00	21.597	0.000	1.905	2.117	18.454	14.190	1707.917	147.378	0.000046	0.012675	0	0	0.000002	0.0005361	45.034	0.000	1.905	38.148	
03-Jul-23 23:00:00	21.994	0.000	2.219	2.396	14.718	14.017	1709.185	153.152	0.000050	0.013599	0	0	0.000003	0.0007452	44.248	0.000	2.219	29.931	
04-Jul-23 00:00:00	21.642	0.000	1.845	2.025	20.332	14.212	1693.733	142.375	0.000045	0.012265	0	0	0.000002	0.0005601	44.805	0.000	1.845	42.053	
04-Jul-23 01:00:00	21.846	0.000	1.957	2.112	20.335	14.170	1699.997	145.374	0.000045	0.012469	0	0	0.000002	0.0005908	45.072	0.000	1.957	41.927	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_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	
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13-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
13-Jul-23 11:00:00	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_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparision				
	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	
16-Jul-23 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jul-23 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparision				
	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	
17-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jul-23 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison			
	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
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm
21-Jul-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
21-Jul-23 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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23-Jul-23 20:00:00	29.473	0.000	1.395	1.471	1.178	13.963	1758.782	272.604	0.000015	0.002067	0.000002	2.510E-07	0.000002	0.000269	44.924	0.000	1.838	2.375
23-Jul-23 21:00:00	29.983	0.000	1.394	1.578	0.000	13.500	1794.975	283.487	0.000002	0.000267	0.000000	0.000E+00	0.000002	0.000273	39.292	0.000	1.794	0.921
23-Jul-23 22:00:00	21.434	0.000	1.783	1.908	16.192	14.001	1278.797	189.394	0.000002	0.000154	2.112E-09	1.957E-07	0.000002	0.000E+00	43.109	0.000	1.737	33.402
23-Jul-23 23:00:00	19.622	0.000	1.732	1.918	24.464	14.135	1073.365	139.269	0.000040	0.010967	0	0	0.000002	0.000E+00	40.138	0.000	1.737	52.297
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25-Jul-23 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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25-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:00

	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-Jul-23 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jul-23 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/7/2023 00:00-31/7/2023 23:00

	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	
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Minimum	19.66	0.00	1.31	1.47	0.00	13.39	1,064.93	136.27	0.00	0.01	0.00	0.00	0.00	0.00	37.06	0.00	1.31	0.00	
Maximum	25.60	0.12	2.25	2.43	36.39	14.49	1,720.31	372.60	0.00	0.03	0.00	0.00	0.00	0.00	50.07	0.25	2.73	75.18	
Avg	21.54	0.00	1.87	2.04	17.29	14.05	1,244.73	171.85	0.00	0.01	0.00	0.00	0.00	0.00	43.58	0.03	1.87	35.73	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01.8.2024 00:00-31.8.2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 24C	GUT11_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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01.8.2024 00:00-31.8.2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 24C	GUT11_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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition							Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
1-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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2-Aug-24 07:00:00	21.88312733	0.1699581	1.187518999	1.1582E-11	7.8708181718	14.42048341	1278.384104	143.3908713	0.0008551	0.0144913	5.6917E-07	0.0001581	0.0000002	0.0000258	28.76781947	0.1693014827	1.437846909	18.4958785	
2-Aug-24 08:00:00	21.4509154	0.1517405231	1.417434203	1.1694E-11	7.2852314764	14.42648602	1253.267707	143.1713439	0.0008252	0.0142385	4.1233E-07	0.0001145	0.0000002	0.0000251	30.73417433	0.1781744533	1.417424202	18.4850894	
2-Aug-24 09:00:00	21.45291875	0.1663495512	1.343157295	1.4977E-11	6.9881967016	14.41144371	1278.307697	142.5399597	0.0008551	0.0143923	2.1355E-07	0.0000724	0.0000002	0.0000242	29.78957571	0.1631412708	1.3431017093	19.7306485	
2-Aug-24 10:00:00	21.19419979	0.2595043299	1.2778124969	1.4351E-11	6.9119211184	14.41144371	1278.307697	142.9003906	0.0008551	0.0144159	1.6864E-07	4.6853E-05	0.0000007	0.0000468	45.15613906	0.1025705868	1.2778742952	20.4184183	
2-Aug-24 11:00:00	21.51129945	0.2318807211	1.248183901	1.4133E-11	7.1203512901	14.41144371	1278.307697	143.0931537	0.0008552	0.0145115	1.0484E-06	0.0002912	0.0000002	0.0000456	45.7343726	0.2597140341	1.2481857991	22.4053079	
2-Aug-24 12:00:00	21.42600804	0.2682012906	1.2170844142	1.4014E-11	6.9111721818	14.44854035	1280.440275	143.2154305	0.0008573	0.0145030	1.4524E-06	0.0004035	0.0000002	0.0000455	45.2130981.4	0.2772539437	1.2178572737	21.3607734	
2-Aug-24 13:00:00	21.50122179	0.1960002516	1.419767732	1.5198E-11	6.9196426041	14.41469574	1280.447119	144.3206179	0.0008549	0.0143092	4.7093E-07	0.0001327	0.0000002	0.0000410	44.90149253	0.1929254475	1.4197677737	18.1977348	
2-Aug-24 14:00:00	21.4603199	0.1899279901	1.1962219.2	1.1944E-11	7.1842584222	14.37774467	1278.384104	142.4231879	0.0008540	0.0131919	2.8771E-07	7.9916E-05	0.0000002	0.0000370	44.8373068	0.1950741114	1.1971714902	24.50665	
15-Aug-24 15:00:00	21.45252872	0	1.0128529.2	1.6903E-11	7.1207446399	14.37774467	1278.384104	143.0350293	0.0008540	0.0131096	0	0	0.0000002	0.0000370	44.7579317	0	1.1972179902	23.8915078	
15-Aug-24 16:00:00	21.15412702	0.1957902482	1.2478215193	1.4138E-11	6.9203638363	14.36204064	1280.129348	143.1518817	0.0008553	0.0131609	3.7094E-07	9.9061E-05	0.0000003	0.0000468	43.7290.9753	0.1880429132	1.2501109161	17.4853892	
15-Aug-24 17:00:00	20.94770243	0.1699235681	1.443573972	1.5093E-11	7.1838884101	14.34110069	1280.480492	143.1284006	0.0008560	0.0131881	1.5465E-07	0.0000412	0.0000002	0.0000472	44.2580154	0.2267534852	1.3427367212	23.9597817	
15-Aug-24 18:00:00	20.97000004	0.6811E-05	1.3375517406	1.5973E-11	6.9334.1024	14.33511024	1280.841182	144.2839009	0.0008561	0.0134133	2.3113E-10	6.4203E-08	0.0000007	0.0000138	44.1833875	0.0001149052	1.4378517405	24.1206875	
15-Aug-24 19:00:00	20.81302643	0.1139554373	1.3756537064	1.5413E-11	6.9706.0152	14.34280948	1281.119619	144.3.0.0.0	0.0008560	0.0134.0.0.0	1.4.0.0.0.0	0.0.0.0.0.0	0.0.0.0.0.0	0.0.0.0.0.0	43.6.4.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0	
15-Aug-24 20:00:00	20.84702763	0.1705758429	1.4450985107	1.5578E-11	6.9772.0.0.0	14.33721733	1281.119619	144.3.0.0.0	0.0008560	0.0134.0.0.0	1.4.0.0.0.0	0.0.0.0.0.0	0.0.0.0.0.0	0.0.0.0.0.0	43.6.4.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0	
15-Aug-24 21:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
15-Aug-24 22:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
15-Aug-24 23:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 00:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 01:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 02:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 03:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 04:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 05:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 06:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 07:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 08:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 09:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 10:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 11:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 12:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 13:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 14:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 15:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 16:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 17:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 18:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 19:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 20:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 21:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 22:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
16-Aug-24 23:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
17-Aug-24 00:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
17-Aug-24 01:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
17-Aug-24 02:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
17-Aug-24 03:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	43.6.4.0.0.0.0	0.2873314871	1.4378437014	23.1224.0.0.0.0	
17-Aug-24 04:00:00	20.44.0.0.0.0	0.1.0.0.0.0.0	1.4.0.0.0.0.0	1.5.0.0.0.0.0	6.9.0.0.0.0.0	14.33.0.0.0.0.0	1281.119.0.0.0.0	144.3.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	1.4.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.0	0.0.0.0.0.0.

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/8/2024 00:00-31/8/2024 23:59

Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM DRY	OUT11_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-Aug-24 01:00:00	21.81709008	0.053168343	1.9163131	1.393777913	13.74484078	14.36500625	1210.135667	148.1126413	0.000051	0.014161	1.72E-07	4.78E-05	0.000002	0.0005196	46.79162405	0.064949792	1.961937312	36.29804104	
21-Aug-24 02:00:00	21.74784802	0.048412685	1.928831548	1.387331496	13.74534396	14.36085292	1211.626998	148.0219025	0.000052	0.014455	1.63E-07	4.51E-05	0.000002	0.0004913	46.87213882	0.123100365	1.929301588	36.05370787	
21-Aug-24 03:00:00	21.9062037	0.052150761	1.946292677	1.375816571	11.98542756	14.34815879	1215.120448	142.8957837	0.000056	0.013919	1.03E-07	2.87E-05	0.000002	0.0004749	46.3027191	0.0692253202	1.909299677	35.67540734	
21-Aug-24 04:00:00	21.79402774	0.048035841	1.940258516	1.390441719	13.99544719	14.34156041	1214.972027	144.1883758	0.000052	0.014475	1.72E-07	4.78E-05	0.000002	0.0005139	46.95625332	0.2499554402	1.939823518	36.23531809	
21-Aug-24 05:00:00	21.54415405	0.072120919	1.939039102	1.394139092	13.98786313	14.33268804	1210.876003	144.3360052	0.000052	0.014419	1.51E-07	4.20E-05	0.000002	0.0005048	46.84273818	0.3981780149	1.939019049	36.2509294	
21-Aug-24 06:00:00	21.29344742	0.092219681	1.938481157	1.46906877	15.13664696	14.37695766	1214.250524	143.1681728	0.000051	0.014202	3.81E-07	0.00010642	0.000002	0.0005702	46.32700723	0.2387586135	1.938481157	33.51548006	
21-Aug-24 07:00:00	21.17920761	0.081543601	1.938149688	1.378671815	11.95364121	14.34588282	1204.549265	145.5049744	0.000051	0.014226	5.29E-07	0.00014772	0.000002	0.0005537	46.60079927	0.3411029474	1.949419869	35.44434043	
21-Aug-24 08:00:00	20.87398821	0.072959172	1.939119272	1.398716973	12.17057048	14.34231774	1206.492142	146.7202984	0.000052	0.013958	3.99E-07	0.00011145	0.000002	0.0005187	45.72705917	0.5114423864	1.939819111	37.21731145	
21-Aug-24 09:00:00	20.73537293	0.088087982	1.944198591	1.440908704	14.53409859	14.33268804	1210.876003	143.7673187	0.000050	0.013954	2.61E-07	7.813E-05	0.000002	0.0005152	44.75364307	0.1750754187	1.894139691	31.92319648	
21-Aug-24 10:00:00	21.68431687	0.099415362	1.965314215	1.423427743	13.78364309	14.32433656	1211.81954	142.9858597	0.000052	0.014448	3.34E-07	9.301E-05	0.000002	0.0005496	46.716405	0.2391059856	1.969014715	36.4483898	
21-Aug-24 11:00:00	21.55099109	0.137161209	1.979567789	1.340213841	12.46467109	14.32433656	1211.81954	142.9858597	0.000052	0.014358	4.96E-07	0.00013802	0.000002	0.0005243	46.19537422	0.2853487977	1.957160202	29.97914826	
21-Aug-24 12:00:00	21.50709026	0.090103078	1.959643356	1.34834566	11.89064407	14.32433656	1211.81954	143.0971777	0.000052	0.014361	2.51E-07	6.984E-05	0.000002	0.0005245	46.20411774	0.1937376282	1.959643356	29.13858822	
21-Aug-24 13:00:00	21.76973761	0.104459842	1.960275073	1.40094697	13.11458818	14.32433656	1211.81954	142.5740662	0.000052	0.013895	3.44E-07	9.578E-05	0.000002	0.0005035	44.70337573	0.2731910583	1.960275073	27.94637151	
21-Aug-24 14:00:00	21.62460105	0.111493053	1.971220004	1.374029388	12.09073452	14.32433656	1211.81954	142.0060852	0.000051	0.013698	3.72E-07	0.00010339	0.000002	0.0004962	45.7919082	0.2939648	1.971220004	25.88068	
21-Aug-24 15:00:00	21.73126641	0.084033458	1.974529558	1.398439988	9.8434843	14.32433656	1211.81954	143.4877053	0.000052	0.014748	1.76E-07	4.725E-05	0.000002	0.0005061	46.6657685	0.1010626392	1.974529558	20.47191538	
21-Aug-24 16:00:00	21.53156486	0.072476187	1.967281453	1.393040729	9.631190077	14.32433656	1211.81954	143.5013158	0.000052	0.014514	1.83E-07	4.891E-05	0.000002	0.0005098	46.9051732	0.3296936377	1.967281453	20.63796642	
21-Aug-24 17:00:00	21.28534409	0.118102394	1.954312082	1.388742463	10.58668129	14.41486454	1212.441128	143.4084167	0.000053	0.014618	4.66E-07	0.00012483	0.000002	0.0005038	45.6861726	0.7527843733	1.938120402	23.92250618	
21-Aug-24 18:00:00	21.15927867	0.135484715	1.951809772	1.384600906	11.57736453	14.4353857	1213.409572	143.3857227	0.000053	0.014354	4.12E-07	0.00011051	0.000002	0.0004992	45.25455457	0.6238319993	1.929809572	25.69927024	
21-Aug-24 19:00:00	21.42439644	0.184351597	1.969312077	1.391273839	12.41351369	14.44771097	1214.720284	144.2502984	0.000054	0.014901	5.08E-07	0.00013751	0.000002	0.0005184	46.97744964	0.8271119482	1.956231573	28.93481245	
21-Aug-24 20:00:00	21.79453309	0.090709347	1.97331824	1.461542819	12.76749736	14.39368177	1215.1664625	145.1664625	0.000051	0.014256	3.79E-07	0.00010255	0.000002	0.0005111	46.16959852	0.2068509614	1.9473325	19.41973305	
21-Aug-24 21:00:00	19.74171696	0.124379247	1.9481933	1.341776111	13.46437072	14.36433027	1213.643572	143.8475174	0.000052	0.014634	4.81E-07	0.00013021	0.000002	0.0005305	44.4822518	0.1664818257	1.948193304	34.49100335	
21-Aug-24 22:00:00	19.50009843	0.153271691	1.953766116	1.351139475	13.67181813	14.33659618	1213.643572	143.5564662	0.000052	0.014681	5.06E-07	0.00013702	0.000002	0.0005329	44.65139205	0.2913743208	1.953766116	34.98170015	
21-Aug-24 23:00:00	21.38462673	0.099299114	1.947841563	1.44507187	9.384297175	14.36500625	1211.626998	143.6971655	0.000051	0.013173	2.71E-07	7.564E-05	0.000002	0.0004857	45.0864742	0.1742219	1.797541183	25.13858822	
21-Aug-24 24:00:00	19.7917782	0.090219978	1.931784531	1.437883781	7.421299337	14.37695766	1214.250524	143.1681728	0.000053	0.013945	2.51E-07	6.984E-05	0.000002	0.0004818	43.9277782	0.1783111686	1.851784531	24.91174809	
21-Aug-24 01:00:00	20.50136223	0.110289092	1.250315236	1.386320862	8.869234648	14.37185978	1214.250524	143.5499955	0.000057	0.013916	3.74E-07	0.00010408	0.000002	0.0004907	44.7345787	0.2987509078	1.74081 1858	1.479245071	
21-Aug-24 02:00:00	21.13126674	0.067197926	1.263618645	1.401209882	7.278853451	14.37695766	1214.250524	143.4887053	0.000057	0.013955	1.87E-07	5.194E-05	0.000002	0.0004909	44.7738747	0.1398824077	1.763478645	4.429415243	
21-Aug-24 03:00:00	20.67205838	0.062842705	1.982486992	1.731502826	13.78189942	14.38670915	1214.876008	144.4188254	0.000055	0.013356	2.03E-07	5.650E-05	0.000002	0.0004723	43.0351819	0.1317217789	1.748309997	26.43009637	
21-Aug-24 04:00:00	22.63210217	0.090732742	1.948236373	1.507934134	5.912981878	14.26872894	1211.095503	145.1930219	0.000054	0.014018	1.07E-07	2.843E-05	0.000002	0.0005328	47.0777472	0.0756362874	1.808888823	12.38479151	
21-Aug-24 05:00:00	21.26483509	0.104772716	1.945507795	1.461702782	9.814771507	14.36510658	1190.469258	140.4360417	0.000052	0.014335	1.37E-07	9.829E-05	0.000002	0.0005056	46.10006286	0.219271847	1.910927728	19.54206686	
21-Aug-24 06:00:00	20.62871658	0.077785431	1.950184218	1.507158437	11.35078217	14.35511945	1191.990078	139.815988	0.000052	0.014292	9.43E-07	0.00026145	0.000002	0.0004967	45.6103174	0.8184345472	1.930648478	28.68129705	
21-Aug-24 07:00:00	21.47717967	0.1857329481	1.919479193	1.469253978	11.04338359	14.36045883	1220.548584	148.3044452	0.000050	0.013787	6.07E-07	0.00016844	0.000002	0.0005038	45.5879251	0.4022022421	1.919479193	23.36384991	
21-Aug-24 08:00:00	21.08134533	0.109494605	1.965292096	1.508481142	7.930772731	14.36433027	1213.643572	144.2502984	0.000053	0.014654	3.81E-07	0.00010651	0.000002	0.0004918	46.4543053	0.2219018519	1.940254898	16.98482985	
21-Aug-24 09:00:00	20.89886991	0.139273452	1.951219599	1.513139978	10.25131998	14.40057862	1214.720284	143.2156007	0.000053	0.014525	4.96E-07	0.00013732	0.000002	0.0005085	46.0458723	0.2983276093	1.912709394	21.72723106	
21-Aug-24 10:00:00	22.16468487	0.056163034	1.938435816	1.471589307	8.4143361	14.38493769	1215.1664625	142.7796439	0.000055	0.013953	1.73E-07	4.804E-05	0.000002	0.0004898	45.1548267	0.1038402419	1.935404219	17.91208736	
21-Aug-24 11:00:00	21.91254471	0.140707175	1.916090343	1.391644681	10.67166164	14.4745162	1213.643572	144.8172167	0.000053	0.014464	4.81E-07	0.00013305	0.000002	0.0005078	46.6614082	0.3111860302	1.916090343	22.53291244	
21-Aug-24 12:00:00	20.32262166	0.060136725	1.934578319	1.42073482	18.8450841	14.4745162	1271.184048	149.4202423	0.000049	0.013468	2E-07	5.555E-05	0.000002	0.0005075	43.1.4093192	0.1423328806	1.664078319	40.80739542	
21-Aug-24 13:00:00	21.47429541	0.183396724	1.9453967	1.401507315	13.15048495	14.37185978	1271.184048	147.5277004	0.000052	0.013946	5.39E-07	0.00014972	0.000002	0.0005029	44.7441155	0.7503186746	1.929809572	34.0783497	
21-Aug-24 14:00:00	22.88138888	0.100485142	1.983035783	1.461729092	4.978265517	14.37185978	1271.184048	147.5277004	0.000054	0.014961	3.76E-07	0.0001045	0.000002	0.0005195	46.1720111	0.2125448235	1.983035783	10.6445797	
21-Aug-24 15:00:00	22.91581834	0.118218873	1.997715942	1.492324581	8.151115434	14.48270512	1270.73291	142.9423273	0.000053	0.014515	3.85E-07	0.00010693	0.000002	0.0005096	46.1535744	0.2968730012	1.997715942	18.90851974	
21-Aug-24 16:00:00	21.24535997	0.080439117	1.945507795	1.461702782	9.814771507	14.36262375	1265.194183	145.7966331	0.000055	0.013141	3.09E-07	8.583E-05	0.000002	0.0004972	43.3066453	0.1910833906	1.848841126	11.69161582	
21-Aug-24 17:00:00	22.11479998	0.048454407	1.98329923	1.441404511	8.347313143	14.47521496	1264.567431	144.3708581	0.000054	0.014665	1.43E-07	3.964E-05	0.000002	0.0004915	47.4021744	0.1054128106	1.98329923	12.19212577	
21-Aug-24 18:00:00	21.99246032	0.120938364	1.752068678	1.339505368	11.57868258	14.61758786	1264.448547	141.5119324	0.000052	0.014323	3.84E-07	0.00010978	0.000002	0.0004893	47.5435447	0.2810905395	1.752068678	25.30413658	
21-Aug-24 19:00:00	19.57217448	0.122883329	1.907129478	1.548439179	2.987015807	14.16765649	1264.448547	150.4945248	0.000050	0.012974	3.95E-07	0.00010988	0.000002	0.0005032	42.3066453	0.5402128106	1.907129478	8.5072574	
21-Aug-24 20:00:00	21.84796183	0.077785431	1.950184218	1.507158437	11.35078217	14.47521496	1264.567431	144.3708581	0.000052	0.014292	9.43E-07	0.00026145	0.000002	0.0004967	45.6103174	0.8184345472	1.930648478	28.68129705	
21-Aug-24 21:00:00	21.47717967	0.1857329481	1.919479193	1.469253978	11.04338359	14.36045883	1220.548584	148.3044452	0.000050	0.013787	6.07E-07	0.00016844	0.000002	0.0005038	45.5879251	0.4022022421	1.919479193	23.36384991	
21-Aug-24 22:00:00	21.08134533	0.109494605	1.965292096	1.508481142	7.930772731	14.36433027	1213.643572	144.2502984	0.000053	0.014654	3.81E-07	0.00010651	0.000002	0.0004918	46.4543053	0.2219018519	1.940254898	16.98482985	
21-Aug-24 23:00:00	20.89886991	0.139273452	1.951219599	1.513139978	10.25131998	14.40057862	1214.720284	143.2156007	0.000053	0.014525	4.96E-07	0.00013732	0.000002	0.0005085	46.0458723	0.2983276093	1.912709394	21.72723106	
21-Aug-24 24:00:00	22.16468487	0.056163034	1.938435816	1.471589307	8.4143361	14.38493769	1215.1664625	142.7796439	0.000055	0.013953	1.73E-07	4.804E-05	0.000002	0.0004898	45.1548267	0.1038402419	1.935404219	17.91208736	
21-Aug-24 01:00:00	21.91254471	0.140707175	1.916090343	1.391644681	10.67166164	14.4745162	1213.643572	144.8172167	0.000053	0.014464	4.81E-07	0.00013305	0.000002	0.0005078	46.6614082	0.3111860302	1.916090343	22.53291244	
21-Aug-24 02:00:00	20.32262166	0.060136725	1.934578319	1.42073482	18.8450841	14.4745162	1271.184048	149.4202423	0.000049	0.013468	2E-07	5.555E-05	0.000002	0.0005075	43.1.4093192	0.1423328806	1.664078319	40.80739542	
21-Aug-24 03:00:00	21.47429541	0.183396724	1.9453967	1.401507315	13.15048495	14.37185978	1271.184048	147.5277004	0.000052	0.013946	5.39E-07	0.00014972	0.000002	0.0005029	44.7441155	0.7503186746	1.929809572	34.0783497	
21-Aug-24 04:00:00	22.88138888	0.100485142	1.983035783	1.461729092	4.978265517	14.37185978	1271.184048	147.5277004	0.000054	0.014961	3.76E-07	0.0001045	0.000002	0.0005195	46.1720111	0.2125448235	1.983035783	10.6445797	
21-Aug-24 05:00:00	22.91581834	0.118218873	1.997715942	1.492324581	8.151115434	14.48270512	1270.73291	142.9423273	0.000053	0.014515	3.85E-07	0.00010693	0.000002	0.0005096	46.1535744	0.2968730012	1.997715942	18.90851974	
21-Aug-24 06:00:00	21.24535997	0.080439117	1.945507795	1.461702782	9.814771507	14.36262375	1265.194183	145.7966331	0.000055	0.013141	3.09E-07	8.583E-05	0.000002	0.0004972	43.3066453	0.1910833906	1.848841126	11.69161582	
21-Aug-24 07:00:00	22.11479998	0.048454407	1.98329923	1.441404511	8.347313143	14.47521496	1264.567431	144.3708581	0.000054	0.014665	1.43E-07	3.964E-05	0.000002	0.0004915	47.4021744	0.1054128106	1.98329923	12.19212577	
21-Aug-24 08:00:00	21.99246032	0.120938364	1.752068678	1.339505368	11.57868258	14.61758786	1264.448547	141.5119324	0.000052	0.014323	3.84E-07	0.00010978	0.000002	0.0004893	47.5435447	0.2810905395	1.752068678	25.30413658	
21-Aug-24 09:00:00	19.57217448	0.122883329	1.907129478	1.548439179	2.987015807	14.16765649	1264.448547	150.4945248	0.000050	0.012974	3.95E-07	0.00010988	0.000002	0.0005032	42.3066453	0.5402128106	1.907129478	8.5072574	
21-Aug-24 10:00:00	21.84796183	0.077785431	1.950184218	1.507158437	11.35078217	14.47521496	1264.567431	144.3708581	0.000052	0.014292	9.43E-07	0.00026145	0.000002	0.0004967	45.6103174	0.8184345472	1.930648478	28.68129705	
21-Aug-24 11:00:00	21.47717967	0.1857329481	1.919479193	1.469253978	11.04338359	14.36045883	1220.548584	148.3044452	0.000050	0.013787	6.07E-07	0.00016844	0.000002	0.0005038	45.5879251	0.4022022421	1.919479193	23.36384991	
21-Aug-24 12:00:00	21.08134533	0.109494605	1.965292096	1.508481142	7.930772731	14.36433027	1213.643572	144.2502984	0.000053	0.014654	3.81E-07	0.00010651	0.000002	0.0004918	46.4543053	0.2219018519	1.940254898	16.98482985	
21-Aug-24 13:00:00	20.89886991	0.139273452	1.951219599	1.513139978	10.25131998	14.40057862	1214.720284	143.2156007	0.000053	0.014525	4.96E-07	0.00013732	0.000002	0.0005085	46.0458723	0.2983276093	1.912709394	21.72723106	
21-Aug-24 14:00:00	22.16468487	0.056163034	1.938435816	1.471589307	8.4143361	14.38493769	1215.1664625	142.7796439	0.000055	0.013953	1.73E-07	4.804E-05	0.000002	0.0004898	45.1548267	0.1038402419	1.935404219	17.91208736	
21-Aug-24 15:00:00	21.91254471	0.140707175	1.916090343	1.391644681	10.67166164	14.4745162	1213.643572	144.8172167	0.000053	0.014464	4.81E-07	0.00013305	0.000002	0.0005078	46.6614082	0.3111860302	1.916090343	22.53291244	
21-Aug-24 16:00:00	20.32262166	0.060136725	1.934578319	1.42073482	18.8450841	14.4745162	1271.184048	149.4202423	0.000049	0.013468	2E-07	5.555E-05	0.000002	0.0005075	43.1.4093192	0.1423328806	1.664078319	40.80739542	
21-Aug-24 17:00:00	21.47429541	0.183396724	1.9453967	1.401507315	13.15048495	14.37185978	1271.184048	147.5277004	0.000052	0.013946	5.39E-07	0.00014972	0.000002	0.0005029	44.7441155	0.7503186746	1.929809572	34.0783497	
21-Aug-24 18:00:00	22.88138888	0.100485142	1.983035783	1.461729092	4.978265517	14.37185978	1271.184048	147.5277004	0.000054	0.014961	3.76E-07	0.0001045	0.000002	0.0005195	46.1720111	0.2125448235	1.983035783	10.6445797	
21-Aug-24 19:00:00	22.91581834	0.118218873	1.997715942	1.492324581	8.151115434	14.48270512	1270.73291	142.9423273	0.000053	0.014515	3.85E-07	0.00010693	0.000002	0.0005096	46.1535744	0.2968730012	1.997715942	18.90851974	
21-Aug-24 20:00:00	21.24535997	0.080439117	1.945507795	1.461702782	9.814771507	14.36262375	1265.194183	145.7966331	0.000055	0.013141	3.09E-07	8.583E-05	0.000002	0.0004972	43.3066453	0.1910833906	1.848841126	11.69161582	
21-Aug-24 21:00:00	22.11479998	0.048454407	1.98329923	1.441404511	8.347313143	14.47521496	1264.567431	144.3708581	0.000054	0.014665	1.43E-07	3.964E-05	0.000002	0.0004915	47.4021744	0.1054128106	1.98329923	12.19212577	
21-Aug-24 22:00:00	21.99246032	0.120938364	1.752068678	1.339505368	11.57868258	14.61758786	1264.448547	141.5119324	0.000052	0.014323	3.84E-07	0.00010978	0.000002	0.0004893	47.5435447	0.2810905395	1.752068678	25.30413658	
21-Aug-24 23:00:00	19.57217448	0.122883329	1.907129478	1.548439179	2.987015807	14.16765649	1264.448547	150.4945248	0.000050	0.012974	3.95E-07	0.00010988	0.000002	0.0005032	42.3066453	0.5402128106	1.907129478	8.5072574	
21-Aug-24 24:00:00	21.84796183	0.077785431	1.950184218	1.507158437	11.35078217	14.47521496	1264.567431	144.3708581	0.000052	0.014292	9.43E-07	0.00026145	0.000002	0.0004967	45.6103174	0.8184345472	1.930648478	28.68129705	
22-Aug-24 01:00:00	21.47717967	0.1857329481	1.919479193	1.469253978	11.04338359	14.36045883	1220.548584	148.3044452	0.000050	0.013787	6.07E-07	0.00016844	0.000002	0.0005038	45.5879251	0.4022022421	1.919479193	23.36384991	
22-Aug-24 02:00:00	21.08134533	0.109494605	1.965292096	1.508481142	7.930772731	14.36433027	1213.643572	144.2502984	0.000053	0.014654	3.81E-07	0.00010651	0.000002	0.0004918	46.4543053	0.2219018519	1.940254898	16.98482985	
22-Aug-24 03:00:00	20.89886991	0.139273452	1.951219599	1.513139978	10.25131998	14.40057862	1214.720284	143.2156007	0.000053	0.014525	4.96E-07	0.00013732	0.000002	0.0005085	46.0458723	0.2983276093	1.912709394	21.72723106	
22-Aug-24 04:00:00	22.16468487	0.056163034	1.938435816	1.471589307	8.4143361	14.38493769	1215.1664625	142.7796439	0.000055	0.013953	1.73E-07	4.804E-05	0.000002	0.0004898	45.1548267	0.1038402419	1.935404219	17.91208736	
22-Aug-24 05:00:00	21.91254471	0.140707175	1.916090343	1.391644681	10.67166164	14.4745162	1213.643572	144.8172167	0.000053	0.014464	4.81E-07	0.00013305	0.000002	0.0005078	46.6614082	0.3111860302	1.916090343	22.53291244	
22-Aug-24 06:00:00	20.32262166	0.060136725	1.934578319	1.42073482	18.8450841	14.4745162	1271.184048	149.4202423	0.000049	0.013468	2E-07	5.555E-05	0.000002	0.0005075	43.1.4093192	0.1423328806	1.664078319	40.80739542	
22-Aug-24 07:00:00	21.47429541	0.183396724	1.9453967	1.401507315	13.15048495	14.37185978	1271.184048	147.5277004	0.000052	0.013946	5.39E-07	0.00014972	0.000002	0.0005029	44.7441155	0.7503186746	1.929809572	34.0783497	
22-Aug-24 08:00:00	22.88138888	0.100485142	1.983035783	1.461729092	4.978265517	14.37185978	1271.184048	147.5277004	0.000054	0.014961	3.76E-07	0.0001045	0.000002	0.0005195	46.1720111	0.2125448235	1.983035783	10.6445797	
22-Aug-24 09:00:00	22.91581834	0.118218873	1.997715942	1.492324581	8.151115434	14.48270512	1270.73291	142.9423273	0.000053	0.014515	3.85E-07	0.00010693	0.000002	0.0005096	46.1535744	0.2968730012	1.997715942	18.90851974	
22-Aug-24 10:00:00	21.24535997	0.080439117	1.945507795	1.461702782	9.814771507	14.36262375	1265.194183	145.7966331	0.000055	0.013141	3.09E-07	8.583E-05	0.000002	0.0004972	43.3066453	0.1910833906	1.848841126	11.69161582	
22-Aug-24 11:00:00	22.11479998	0.048454407	1.98329923	1.441404511	8.347313143	14.47521496	1264.567431	144.3708581	0.000054	0.014665	1.43E-07	3.964E-05	0.000002	0.0004915	47.4021744	0.1054128106	1.98329923	12.19212577	
22-Aug-24 12:00:00	21.99246032	0.120938364	1.752068678	1.339505368	11.57868258	14.61758786	1264.448547	141.5119324	0.000052	0.014323	3.84E-07	0.00010978	0.000002	0.0004893	47.5435447	0.2810905395	1.752068678	25.30413658	
22-Aug-24 13:00:00	19.57217448	0.122883329	1.907129478	1.548439179	2.987015807	14.16765649	1264.448547	150.4945248	0.000050	0.012974	3.95E-07	0.00010988	0.000002	0.0005032	42.3066453	0.5402128106	1.907129478	8.5072574	
22-Aug-24 14:00:00	21.84796183	0.077785431	1.950184218	1.507158437	11.35078217	14.47521496	1264.567431	144.3708581	0.000052	0.014292	9.43E-07	0.00026145	0.000002	0.0004967	45.6103174	0.8184345472	1.930648478	28.68129705	
22-Aug-24 15:00:00	21.47717967	0.1857329481	1.919479193	1.469253978	11.04338359	14.36045883	1220.548584	148.3044452	0.000050	0.013787	6.07E-07	0.00016844	0.000002	0.0005038	45.5879251	0.4022022421	1.919479193	23.36384991	
22-Aug-24 16:00:00	21.08134533	0.109494605	1.965292096	1.508481142	7.930772731	14.36433027	1213.643572	144.2502984	0.000053	0.014654	3.81E-07	0.00010651	0.000002	0.0004918	46.4543053	0.2219018519	1.940254898	16.98482985	
22-Aug-24 17:00:00	20.89886991	0.139273452	1.951219599	1.513139978	10.25131998	14.40057862	1214.720284	143.2156007	0.000053	0.014525	4.96E-07	0.00013732	0.000002	0.0005085	46.0458723	0.2983276093	1.912709394	21.72723106	
22-Aug-24 18:00:00	22.16468487	0.056163034	1.938435816	1.471589307	8.4143361	14.38493769	1215.1664625	142.7796439	0.000055	0.013953	1.73E-07	4.804E-05	0.000002	0.0004898	45.1548267	0.1038402419	1.935404219	17.91208736	
22-Aug-24 19:00:00	21.91254471	0.140707175	1.916090343	1.391644681	10.67166164	14.4745162	1213.643572	144.8172167	0.000053	0.014464	4.81E-07	0.00013305	0.000002	0.0005078	46.6614082	0.3111860302	1.916090343	22.53291244	
22-Aug-24 20:00:00	20.32262166	0.060136725	1.934578319	1.42073482	18.8450841	14.4745162	1271.184048	149.4202423	0.000049	0.013468	2E-07	5.555E-05	0.000002	0.0005075	43.1.4093192	0.1423328806	1.664078319	40.80739542	
22-Aug-24 21:00:00	21.47429541	0.183396724	1.9453967	1.401507315	13.15048495	14.37185978	1271.184048	147.5277004	0.000052	0.013946	5.39E-07	0.00014972	0.000002	0.0005029	44.7441155	0.7503186746	1.929809572	34.0783497	
22-Aug-24 22:00:00	22.88138888	0.100485142	1.983035783	1.461729092	4.978265517	14.37185978	1271.184048	147.5277004	0.000054	0.014961	3.76E-07	0.0001045	0.000002	0.0005195	46.1720111	0.2125448235	1.983035783	10.6445797	
22-Aug-24 23:00:00	22.91581834	0.118218873	1.997715942	1.492324581	8.151115434	14.48270512	1270.73291	142.9423273	0.000053	0.014515	3.85E-07	0.00010693	0.000002	0.0005096	46.1535744	0.2968730012	1.997715942	18.90851974	
23-Aug-24 00:00:00	21.24535997	0.080439117	1.945507795	1.461702782	9.814771507	14.36262375	1265.194183	145.7966331	0.000055	0.013141	3.09E-07	8.583E-05	0.000002	0.0004972	43.3066453	0.1910833906	1.848841126	11.69161582	
23-Aug-24 01:00:00	22

Site Name: GULF GUT
Stack Name: HRSG_STACK11
Periodicity: 01/8/2024 00:00-31/ 8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Aug-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK11
Periodicity: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Minimum	18.48	0.03	0.94	0.00	0.00	13.22	1,203.71	138.20	0.00	0.01	0.00	0.00	0.00	0.00	37.94	0.00	0.94	0.00	
Maximum	25.44	0.31	1.78	1.95	20.14	14.57	1,791.54	256.84	0.00	0.02	0.00	0.00	0.00	0.00	49.81	0.66	1.78	42.92	
Avg	21.45	0.10	1.48	1.19	8.49	14.22	1,331.06	161.37	0.00	0.01	0.00	0.00	0.00	0.00	44.47	0.22	1.48	17.88	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01-8-2024 00:00-31-8-2024 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		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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-8-2024 00:00-31-8-2024 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		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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Period/Daily: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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10-Aug-24 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-Aug-24 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	
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10-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Period/Daily: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
11-Aug-24 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-Aug-24 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-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/8/2024 00:00-31/8/2024 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		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	
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15-Aug-24 00:00:00	20.9040.87195	0.4858629705	1.914603272	3.912279218	8.290071683	14.37063639	1164.072037	153.9116179	0.000045	0.012595	0	0	0.000002	0.0004758	43.47284161	0	89.00941	1.914603272	
15-Aug-24 01:00:00	20.90407.87117	0.4840707718	1.877354499	3.912279218	13.10458197	14.33458197	1245.520732	153.9108151	0.000047	0.013272	0.5173E-06	0.0004255A	0.000002	0.0004953	42.14019775	0.9972793876	1.907353498	25.91027783	
15-Aug-24 02:00:00	20.9043218434	0.4818579944	1.876578115	3.892915648	11.98307051	14.31630001	1249.726883	153.9172116	0.000047	0.013328	1.5031E-06	0.0004175A	0.000002	0.0004978	42.21113548	0.9453634864	1.91810116	25.92116098	
15-Aug-24 03:00:00	20.9053501611	0.4809324649	1.882592993	3.843139315	11.78279072	14.30991005	1242.554488	153.9114804	0.000047	0.013036	1.5034E-06	0.0004183A	0.000002	0.0004869	42.28211191	0.9434884473	1.92947092	25.93125513	
15-Aug-24 04:00:00	20.9197492988	0.4803979423	1.883589068	3.851329536	11.97527077	14.34672809	1240.554248	152.3730009	0.000047	0.013041	1.4837E-06	0.0004123A	0.000002	0.0004870	42.21535106	0.9434884793	1.91329799	25.68142318	
15-Aug-24 04:00:00	20.9542396402	0.4946522418	1.944851524	3.900320012	11.37005887	12.34613614	1238.513298	152.3764377	0.000047	0.013047	1.474E-06	0.0004094A	0.000002	0.0004947	42.42418895	0.9431882913	1.94411534	24.19155093	
15-Aug-24 05:00:00	20.9819219742	0.4929528111	1.962758111	3.892915648	11.10418423	12.34459218	1239.40578	153.9008148	0.000047	0.013042	1.4643E-06	0.0004067A	0.000002	0.0004870	42.64513626	0.9437314835	1.93596111	23.74156958	
15-Aug-24 06:00:00	20.9209004418	0.4992010977	1.96733988	3.978624714	10.40561503	14.31766602	1238.187792	153.8262297	0.000047	0.013036	1.4545E-06	0.0004039A	0.000002	0.0004869	42.56512396	0.9431882913	1.93319868	23.29141228	
15-Aug-24 19:00:00	20.9564432S	0.4479691852	1.872750137	1.934191116	10.26244808	14.33248008	1233.465484	151.1018055	0.000047	0.013064	1.4451E-06	0.0004014A	0.000002	0.0004879	42.03711166	0.9289772329	1.86207031	22.84192329	
15-Aug-24 16:00:00	20.9038838482	0.4452195868	1.881804107	1.927327516	10.5453778	14.33709431	1231.743153	150.7992004	0.000047	0.013070	1.4555E-06	0.0004087A	0.000002	0.0004419	42.7060993	0.9242754448	1.88169853	22.9208403	
15-Aug-24 17:00:00	20.9023001611	0.4643970511	1.960134077	1.960134077	10.56130626	14.33482008	1230.296417	150.7964172	0.000047	0.013068	1.4545E-06	0.0004084A	0.000002	0.0004418	42.77608707	0.9234236237	1.88134857	21.44224878	
15-Aug-24 18:00:00	20.9181947S	0.4840515935	1.960688964	1.915703127	10.13425884	14.33725218	1228.394105	150.8938751	0.000047	0.013081	1.4563E-06	0.0004089A	0.000002	0.0004422	42.8350777	0.9195271746	1.90099284	21.46234962	
15-Aug-24 19:00:00	20.9153791g2	0.4981654B	1.91000.0481	1.924905898	9.923156438	14.33078643	1226.47888	149.4912992	0.000047	0.013067	1.4065E-06	0.0003947B	0.000002	0.0004368	42.92169242	0.9121716865	1.91003589	21.54248238	
15-Aug-24 20:00:00	20.9209009	0.4358183383	1.918381261	1.924905898	9.72250948	14.32759844	1224.83437	148.5869123	0.000047	0.013062	1.3973E-06	0.0003881A	0.000002	0.0004336	42.96225017	0.9073969044	1.91823121	20.94291813	
15-Aug-24 21:00:00	20.9209005	0.4334826207	1.915704488	1.941218433	11.18279072	14.32759844	1223.133707	148.4859302	0.000047	0.013058	1.3873E-06	0.0003861A	0.000002	0.0004325	42.96225017	0.9053418143	1.90872703	20.94278597	
15-Aug-24 22:00:00	20.9218784S	0.4351119064	1.936379581	1.962469581	9.929044648	14.32337808	1221.410084	148.283432	0.000047	0.013103	1.3781E-06	0.0003842B	0.000002	0.0004376	43.13407537	0.8996624253	1.91832798	19.99257872	
15-Aug-24 23:00:00	20.9543409S	0.4297800129	1.947416451	1.961581952	9.103383743	14.32709281	1219.781805	147.8508792	0.000047	0.013108	1.3816E-06	0.0003862A	0.000002	0.0004396	43.20503328	0.9015412402	1.92741681	19.74501447	
15-Aug-24 00:00:00	20.9819219742	0.4296848453	1.950192221	1.957263543	9.347812843	14.31806031	1218.40578	147.4739297	0.000047	0.013112	1.3844E-06	0.0003871B	0.000002	0.0004405	43.27500048	0.9013005581	1.93470422	18.19344722	
15-Aug-24 01:00:00	20.9384816S	0.4284614378	1.950170872	1.960134077	9.897245668	14.31726602	1216.124648	147.2716273	0.000047	0.013110	1.385E-06	0.0003873A	0.000002	0.0004404	43.34236035	0.8972797	1.93513707	18.34377607	
15-Aug-24 02:00:00	20.9178954	0.4214767302	1.9727104S	1.962469581	9.480671067	14.31423473	1214.53124	146.8730347	0.000047	0.013123	1.3407E-06	0.0003774	0.000002	0.0004369	43.41731658	0.8630598819	1.91645664	17.95340782	
15-Aug-24 03:00:00	20.9173291117	0.4123154197	1.954931472	1.968477423	8.375902061	14.31104878	1212.790072	146.4704316	0.000047	0.013128	1.3513E-06	0.0003804B	0.000002	0.0004387	43.4850618	0.8790649B	1.94615412	18.34313847	
15-Aug-24 04:00:00	20.9736742338	0.4117654182	1.965170501	1.967263577	8.673341191	14.30992009	1210.124648	146.0078798	0.000047	0.013133	1.356E-06	0.0003901A	0.000002	0.0004392	43.55645178	0.8727970217	1.93414748	18.49357107	
15-Aug-24 05:00:00	20.7877856	0.4214854548	2.005492832	2.015890247	7.997495728	14.31423473	1214.53124	146.8730347	0.000047	0.013123	1.3407E-06	0.0003774	0.000002	0.0004369	43.41731658	0.8630598819	1.91645664	17.95340782	
15-Aug-24 06:00:00	20.8290029	0.4127302974	2.012389602	2.026539575	7.161393015	14.3579009	1207.932548	145.9605173	0.000047	0.013143	1.3033E-06	0.0003769B	0.000002	0.0004752	43.70132719	0.8454484845	2.01733503	16.60009832	
15-Aug-24 07:00:00	20.1239596S	0.3969143S6	2.054317015	2.084716545	7.009497372	14.31138787	1201.115665	142.4908875	0.000046	0.012984	9.3234E-07	0.0002696B	0.000002	0.0004658	43.1.8406877	0.8083472765	2.05451781	16.61434867	
15-Aug-24 08:00:00	21.1024347Z3	0.3960236S6	1.936124905	2.084716545	7.474495815	14.31412127	1207.630768	142.4908875	0.000046	0.013019	1.2503E-06	0.0003607A	0.000002	0.0004418	43.5441.0685	0.8439124832	1.94617904	16.42753485	
15-Aug-24 09:00:00	20.3878G91	0.2734331S13	1.8.5431312	1.8.4836781	8.3.9.9.9.1.2	14.2.8.8.2.1.9.5	1199.549997	143.3787557	0.000048	0.012798	8.0812E-07	0.0002329B2	0.000002	0.0004688	42.0.6211.1.64	0.673738453	1.8.0.5.4.1.9.1.2	17.42.0.4.9.7.0	
15-Aug-24 10:00:00	20.2.2.0.4.9.1.9	0.4172.4.0.4.8.1	1.7.3.2.7.0.1.4.2.3	1.7.5.4.4.8.7.7.1	9.1.5.4.0.7.8.4.2.5	14.2.9.4.3.4.0.4.6	1126.070672	143.0.4.3.9.9.4.4	0.000043	0.011937	1.2.3.3.1.E-06	0.0003.4.2.5.4	0.000002	0.0.0.0.5.5.4.3.3	42.9.6.9.0.2.7.0.3	0.8.7.4.5.1.6.8.5.7	1.7.7.2.7.0.5.4.7.5	15.1.4.5.2.9.7.2.3	
15-Aug-24 11:00:00	20.3.0.7.9.2.1.8.4.6	0.4.1.6.7.9.5.4.7.6	1.7.9.7.7.0.9.4.7.6	2.0.8.5.3.1.6.1.8.2	12.2.5.1.5.9.8.1.7.0	14.3.1.2.7.3.8.1.9	1.2.3.0.1.3.1.7.2	1.4.3.4.7.1.0.4.4.1	0.000046	0.012901	0	0	0.000002	0.0.0.0.5.0.9.0	42.2.8.4.3.5.9.1.9	0	1.7.9.7.7.0.9.4.7.6	15.9.7.3.0.0.0.1.1	
15-Aug-24 12:00:00	20.7.5.4.5.3.5.9.8	0.4.0.7.7.5.7.7.4	1.9.4.5.8.9.0.6.3.7	1.9.4.1.5.7.0.0.0.1	7.4.8.9.1.4.1.7.2.4	14.2.1.3.4.8.4.7.8	1.1.8.7.8.0.0.1.5	1.4.3.1.2.1.0.7.8.5	0.000046	0.012996	1.2.4.6.6.E-06	0.0.0.0.3.4.4.2.9	0.000002	0.0.0.0.4.8.7.5	42.4.8.1.0.2.0.7.8	0.8.4.4.8.1.6.8.5	1.7.4.2.3.0.4.3.7	16.4.7.3.9.0.2.1	
15-Aug-24 13:00:00	20.0.0.6.9.4.0.3.4	0.3.8.3.4.2.6.8.8	1.7.4.0.7.9.0.4.8.3	1.7.9.7.5.7.4.2.2	11.2.8.3.9.0.2.1.4	14.2.9.2.9.6.9.9.8	1.1.6.8.1.3.2.7.8.1	1.4.4.4.1.5.8.7.1	0.000043	0.012015	1..0.9.4.E-06	0.0.0.0.3.0.3.9	0.000002	0.0.0.0.5.5.5.8	41.1.5.8.1.0.8.8.3	0.7.7.4.6.1.8.7.4	1.7.4.0.2.9.0.8.3	23.5.3.7.9.5.6.8	
15-Aug-24 14:00:00	20.2.1.9.0.0.0.1.0	0.4.7.1.8.6.2.0.0.8	1.9.6.7.3.1.0.0.5.6	2.0.0.4.3.5.6.6.2	10.2.6.5.1.1.0.7.8	14.2.9.5.4.4.7.3.4	1.1.3.0.3.7.2.4.1.2	1.4.3.5.4.5.6.6.4	0.000043	0.011948	1.3.9.5.E-06	0.0.0.0.3.7.8.8	0.000002	0.0.0.0.4.2.4.3	41.1.3.9.0.0.7.1.9	0.7.7.9.1.9.8.6.5	1.7.8.7.3.9.0.5.6	23.1.8.4.0.3.5.2.1	
15-Aug-24 15:00:00	20.2.9.1.9.3.7.1.8	0.3.7.4.5.7.2.5.6	1.9.7.7.4.9.7.2.0	1.9.5.6.8.0.4.6.7	11.1.5.2.7.5.8.3.3	14.2.2.9.0.3.6.6.4	1.1.9.5..5.3.1.9.2	1.5.3.0.9.0.9.2	0.000046	0.012973	1.1.7.2.E-06	0.0.0.0.3.2.5.6.1	0.000002	0.0.0.0.4.6.7.2	42.1.2.0.9.5.6.0.5	0.7.7.1.6.2.1.0.2	1.7.4.7.1.4.7.9.8	23.1.5.8.7.1.4.5.8	
15-Aug-24 16:00:00	19.3.7.9.9.2.7.4	0.4.1.5.6.2.7.5.2	1.8.2.3.6.4.0.7.5	1.8.3.6.8.0.7.9.1	14.3.2.1.9.0.9.7.4	14.2.7.4.2.5.0.4.3	1.1.5.2..2.0.1.7.94	1.4.8.3.3.4.1.5.4	0.000042	0.011.8.5.0	1.2.5.1.E-06	0.0.0.0.3.4.9.7.4	0.000002	0.0.0.0.4.6.9.3	40.3.7.1.5.9.3.4	0.6.8.6.4.5.5.0.9	1.7.3.7.3.0.0.7.5	29.4.1.9.2.6.7.3	
15-Aug-24 17:00:00	19.4.8.4.3.1.1.6.8	0.4.4.7.5.4.6.6.8	1.8.0.9.2.9.8.4.3	1.8.2.7.0.0.6.9.1	14.2.7.0.0.6.9.5.1	14.2.4.5.1.9.3.7.1	1.1.4.5.1.7.9.7.0	1.4.2.9.2.6.4.8.6	0.000042	0.011.8.4.0	1.3.4.1.E-06	0.0.0.0.3.7.0.4	0.000002	0.0.0.0.4.6.2.4	40.9.0.2.3.1.5.2	0.6.6.4.2.9.3.5.1	1.7.4.2.7.4.6.7.5	29.4.1.7.8.2.3.1	
15-Aug-24 18:00:00	19.3.6.4.0.5.8.2.6	0.4.7.8.2.1.4.9.2	1.7.5.7.3.0.6.7.1	1.8.3.2.5.9.8.4.5	14.2.7.2.5.9.3.4.4	14.2.4.8.7.1.6.5.1	1.1.4.2.1.7.9.7.0	1.4.2.2.6.4.8.6	0.000042	0.011.8.4.0	1.3.4.1.E-06	0.0.0.0.3.7.0.4	0.000002	0.0.0.0.4.6.2.4	40.9.0.2.3.1.5.2	0.6.6.4.2.9.3.5.1	1.7.4.2.7.4.6.7.5	29.4.1.7.8.2.3.1	
15-Aug-24 19:00:00	19.3.7.9.9.2.7.4	0.4.1.5.6.2.7.5.2	1.8.2.3.6.4.0.7.5	1.8.3.6.8.0.7.9.1	14.3.2.1.9.0.9.7.4	14.2.7.4.2.5.0.4.3	1.1.5.2.7.9.4	1.4.8.3.3.4.1.5.4	0.000042	0.011.8.5.0	1.2.5.1.E-06	0.0.0.0.3.4.9.7.4	0.000002	0.0.0.0.4.6.9.3	40.3.7.1.5.9.3.4	0.6.8.6.4.5.5.0.9	1.7.3.7.3.0.0.7.5	29.4.1.9.2.6.7.3	
15-Aug-24 20:00:00	19.4.8.4.3.1.1.6.8	0.4.4.7.5.4.6.6.8	1.8.0.9.2.9.8.4.3	1.8.2.7.0.0.6.9.1	14.2.7.0.0.6.9.5.1	14.2.4.5.1.9.3.7.1	1.1.4.5.1.7.9.7.0	1.4.2.9.2.6.4.8.6	0.000042	0.011.8.4.0	1.3.4.1.E-06	0.0.0.0.3.7.0.4	0.000002	0.0.0.0.4.6.2.4	40.9.0.2.3.1.5.2	0.6.6.4.2.9.3.5.1	1.7.4.2.7.4.6.7.5	29.4.1.7.8.2.3.1	
15-Aug-24 21:00:00	19.3.6.4.0.5.8.2.6	0.4.7.8.2.1.4.9.2	1.7.5.7.3.0.6.7.1	1.8.3.2.5.9.8.4.5	14.2.7.2.5.9.3.4.4	14.2.4.8.7.1.6.5.1	1.1.4.2.1.7.9.7.0	1.4.2.2.6.4.8.6	0.000042	0.011.8.4.0	1.3.4.1.E-06	0.0.0.0.3.7.0.4	0.000002	0.0.0.0.4.6.2.4	40.9.0.2.3.1.5.2	0.6.6.4.2.9.3.5.1	1.7.4.2.7.4.6.7.5	29.4.1.7.8.2.3.1	
15-Aug-24 22:00:00	19.3.7.9.9.2.7.4	0.4.1.5.6.2.7.5.2	1.8.2.3.6.4.0.7.5	1.8.3.6.8.0.7.9.1	14.3.2.1.9.0.9.7.4	14.2.7.4.2.5.0.4.3	1.1.5.2.7.9.4	1.4.8.3.3.4.1.5.4	0.000042	0.011.8.5.0	1.2.5.1.E-06	0.0.0.0.3.4.9.7.4	0.000002	0.0.0.0.4.6.9.3	40.3.7.1.5.9.3.4	0.6.8.6.4.5.5.0.9	1.7.3.7.3.0.0.7.5	29.4.1.9.2.6.7.3	
15-Aug-24 23:00:00	19.4.8.4.3.1.1.6.8	0.4.4.7.5.4.6.6.8	1.8.0.9.2.9.8.4.3	1.8.2.7.0.0.6.9.1	14.2.7.0.0.6.9.5.1	14.2.4.5.1.9.3.7.1	1.1.4.5.1.7.9.7.0	1.4.2.9.2.6.4.8.6	0.000042	0.011.8.4.0	1.3.4.1.E-06	0.0.0.0.3.7.0.4	0.000002	0.0.0.0.4.6.2.4	40.9.0.2.3.1.5.2	0.6.6.4.2.9.3.5.1	1.7.4.2.7.4.6.7.5	29.4.1.7.8.2.3.1	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodicity: 01/9/2024 00:00-31/8/2024 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		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-Aug-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 14:00:00	16.6381763	0.3651171874	2.003462745	2.027953858	0	13.45758277	1711.846282	247.0566484	0.000081	0.0221114	1.825E-06	0.0004524B	0.000003	0.0008229	49.43371587	0.7067647S4	2.00384.9745	0	
18-Aug-24 15:00:00	21.1492756S	0.4070147B8	2.0.5.1.2.1.4.7.8	2.0.3.0.2.7.4.5.8	0	13.4.3.4.9.4.7.8.7	1781.2.0.8.0.7.8	258.1.0.4.7.9.6.8	0.000.0.8.1	0.0.2.2.3.6.8	1.7.9.1.E-0.7	0.0.0.0.4.9.2.1.9.2.1	0.0.0.0.0.0.4	0.0.0.1.9.2.0.5	44.0.5.3.0.0.7.7.8	0.9.0.6.9.1.0.4.2	2.0.2.5.1.2.4.7.8	0	
18-Aug-24 16:00:00	20.5.1.7.0.2.5.4	0.4.3.8.7.2.9.3.8.1	1.9.5.3.1.0.3.8.7.7	2.3.3.7.8.1.2.0.4.7	2.3.3.7.8.1.2.0.4.8	13.3.9.2.1.0.9.6.3	1.7.3.7.4.1.7	1.7.4.1.9.6.0.5	0.0.0.0.8.1	0.0.2.2.4.7.6	1.8.1.4.E-0.6	0.0.0.0.4.0.5.8.2.2	0.0.0.0.0.0.4	0.0.0.1.9.2.0.5	44.0.5.3.0.0.7.7.8	0.9.0.6.9.1.0.4.2	2.0.2.5.1.2.4.7.8	0	
18-Aug-24 17:00:00	20.7.8.1.9.0.5.8	0.4.2.1.2.6.7.3.5.4	1.9.4.0.7.2.4.4.3.3	2.3.2.7.8.1.2.0.4.7	0	13.4.3.4.9.4.7.8.7	1.7.3.7.4.1.7	1.7.4.1.9.6.0.5	0.0.0.0.8.1	0.0.2.2.4.7.6	1.8.1.4.E-0.6	0.0.0.0.4.0.5.8.2.2	0.0.0.0.0.0.4	0.0.0.1.9.2.0.5	44.0.5.3.0.0.7.7.8	0.9.0.6.9.1.0.4.2	2.0.2.5.1.2.4.7.8	0	
18-Aug-24 18:00:00	20.9.5.9.6.9.9	0.3.4.4.9.2.4.8.1	1.8.7.8.9.0.1.1.

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2024 00:00-31/6/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 20C	OUT12_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	%	MW	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Aug-24 01:00:02	20.84864041	0.4169123779	2.091152755	2.123480012	11.27958206	16.25458745	3109.203625	148.8564248	0.0000043	0.011853	1.21612E-06	0.00033618	0.000002	0.0000443	37.98952941	0.8002156294	2.004922255	24.51225853	
21-Aug-24 02:00:02	21.04611765	0.4127258229	1.383751491	2.009310324	9.468830705	16.2591	3109.203625	148.8551868	0.0000045	0.012517	1.24112E-06	0.00034475	0.000002	0.0000133	43.09010548	0.8136114315	1.983751823	20.75852008	
21-Aug-24 03:00:02	21.04709205	0.3967307437	2.017349462	2.035231139	9.267219643	16.25958026	3121.067708	149.2743073	0.0000044	0.012227	1.21815E-06	0.00033822	0.000002	0.0000182	43.19590903	0.8153435702	2.027134482	20.1403878	
21-Aug-24 04:00:02	21.03533427	0.3921457627	2.221172697	2.054790315	9.0187	16.26	3129.843084	149.4995067	0.0000045	0.012551	1.25017E-06	0.00034724	0.000002	0.0000134	43.19778824	0.8201153177	1.991432699	18.8875784	
21-Aug-24 05:00:02	21.04179605	0.4078771621	1.971435472	1.946744128	8.640900378	16.24705514	3144.937376	149.9535699	0.0000043	0.011849	1.14025E-06	0.00031658	0.000002	0.0000222	41.37391279	0.8010773333	1.299434658	30.61660492	
21-Aug-24 06:00:02	20.91144545	0.5531693575	2.161274898	2.009159484	10.79341271	16.27399614	3120.648666	149.4945731	0.0000043	0.011941	1.1557E-06	0.00032049	0.000002	0.0000441	42.4143871	1.197130414	2.063203406	32.7275942	
21-Aug-24 07:00:02	20.9273574	0.4103561631	2.020855154	2.027772221	10.84546258	16.25340653	3100.142944	148.4790797	0.0000045	0.012719	1.24611E-06	0.00034511	0.000002	0.0000133	43.10750273	0.8423107778	2.020906564	27.3847842	
21-Aug-24 08:00:02	20.91278944	0.4010529011	2.018370729	2.053478892	10.00459652	16.2913	3109.203625	148.8499727	0.0000045	0.012736	1.24816E-06	0.00034569	0.000002	0.0000068	43.13728809	0.8421477737	2.051278279	31.31773186	
31-Aug-24 09:00:02	20.81472995	0.4151481792	2.111171464	2.121270514	11.3981124	16.26004525	3144.937376	149.9535699	0.0000044	0.012201	1.19596E-06	0.00033098	0.000002	0.0000061	43.08147264	1.0900824773	2.111171464	24.1943031	
31-Aug-24 10:00:02	20.84786478	0.4045686417	2.072137045	2.016955745	10.28053403	16.26	3144.937376	149.9535699	0.0000046	0.012731	1.24816E-06	0.00034511	0.000002	0.0000039	44.38552734	0.8636188739	2.031322743	21.7851784	
31-Aug-24 11:00:02	20.76922403	0.4012480254	2.160277034	2.090220347	11.54031047	16.2913	3157.433162	149.1435115	0.0000044	0.012186	1.23148E-06	0.00034069	0.000002	0.0000174	42.89174953	0.8682181487	2.196702254	24.11353251	
31-Aug-24 12:00:02	20.79715224	0.3921457624	2.224157297	2.224310534	12.93381977	16.31347437	3152.3338	149.8958047	0.0000044	0.012265	1.18477E-06	0.00032991	0.000003	0.0007124	42.09174953	0.8256990723	2.220187907	27.49417027	
31-Aug-24 13:00:02	20.91815765	0.4103561631	2.143574636	2.145274431	11.79294701	16.3	3144.937376	149.4995067	0.0000045	0.012464	1.24377E-06	0.00033214	0.000002	0.0000067	43.51573973	1.2561299081	2.142012634	24.53531167	
31-Aug-24 14:00:02	21.0393908	0.3934027956	2.084430916	2.071156403	9.5494753	16.2998	3129.843084	149.0227699	0.0000047	0.013071	1.30114E-06	0.00036093	0.000002	0.0000065	44.15004953	0.9814830915	2.084430916	19.8372745	
31-Aug-24 15:00:02	20.94361208	0.3784677845	2.276137666	2.2724907	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 16:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 17:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 18:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 19:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 20:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 21:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 22:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
31-Aug-24 23:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	
01-Sep-24 00:00:02	20.94433198	0.3784677845	2.276137666	2.272490737	11.05781841	16.31783267	3104.427533	148.0921666	0.0000043	0.012031	1.19864E-06	0.00033223	0.000001	0.0000451	43.20261482	0.7481254742	2.227137599	24.07371442	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2024 00:00-31/6/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 20C	OUT12_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	%	MW	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Aug-24 09:00:02	20.10569676	0.4747247392	1.933311343	1.937734407	11.91	16.3	3107.1558	1193.407245	141.8069214	0.0000045	0.0012542	1.4631E-06	0.00041193	0.000002	0.0000429	42.20009732	0.9963124303	1.933311343	25.08673331
24-Aug-24 10:00:02	19.9231855	0.3952001456	1.930872053	1.940274527	10.45	16.3	3107.1558	1193.355365	141.6181273	0.0000044	0.0012138	1.13426E-06	0.00031905	0.000002	0.0000064	41.87546839	0.9927084	1.930872055	29.21530448
24-Aug-24 11:00:02	19.44210273	0.4156745016	1.940550709	1.9	11.61881854	16.3	3107.1558	1193.303304	141.7164484	0.0000044	0.0012132	1.14034E-06	0.00032139	0.000002	0.0000061	41.96784153	1.0084015513	1.940550709	33.07369064
24-Aug-24 12:00:02	19.7995	0.4156745016	1.937746373	1.937746373	11.74186154	16.32	3107.1558	1193.251238	144.5099278	0.0000044	0.0012258	1.16878E-06	0.00032642	0.000002	0.0000064	42.39578842	0.9975240852	1.9331950174	24.2892008
24-Aug-24 13:00:02	19.79912048	0.4272161411	2.231940755	2.210912752	11.05416153	16.35783845	3107.1558	1193.199173	144.4875871	0.0000044	0.0012334	1.1331E-06	0.0003193	0.000003	0.0000324	41.90804572	0.9925661	2.2116407876	31.4484308
24-Aug-24 14:00:02	20.05473092	0.4273961082	2.229152486	2.238165896	10.71991324	16.42112543	3151.726387	142.4818873	0.0000045	0.0012854	1.14637E-06	0.00032408	0.000003	0.0000373	43.3717415	0.7864994144	2.2272134992	21.7732442	
24-Aug-24 15:00:02	20.07536015	0.4273961082	2.127435502	2.123415427	11.16533427	16.42901473	3156.13534	142.2469773	0.0000045	0.0012866	1.14741E-06	0.00032438	0.000003	0.0000383	43.42783315	0.7864994144	2.1274433062	20.39505872	
24-Aug-24 16:00:02	20.16377433	0.4272161411	1.950150251	1.974854313	12.04479634	16.29210045	3205.191928	142.3199798	0.0000044	0.0012319	1.13236E-06	0.00031945	0.000002	0.0000329	41.99547708	0.9882284377	1.9501502051	29.51741483	
24-Aug-24 17:00:02	19.9087115	0.4051892215	1.916217478	1.954758313	12.04479634	16.29210045	3197.992263	142.3488199	0.0000045	0.0012514	1.14526E-06	0.00032257	0.000002	0.0000338	41.81807317	0.9725234484	1.9162174778	25.09432622	
24-Aug-24 18:00:02	20.15777473	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	1.0988305048	1.9292975107	19.7933787	
24-Aug-24 19:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
24-Aug-24 20:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
24-Aug-24 21:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
24-Aug-24 22:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
24-Aug-24 23:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
25-Aug-24 00:00:02	20.10778483	0.4161285314	1.940838567	1.939548786	12.19449692	16.31783267	3197.992263	142.4818873	0.0000045	0.0012634	1.13613E-06	0.00031979	0.000002	0.0000344	41.9573627	0.9738395048	1.9292975107	19.7933787	
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26-Aug-24 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	
26-Aug-24 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	
26-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
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27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
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27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	
27-Aug-24 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	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-8-2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
27-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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28-Aug-24 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	
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29-Aug-24 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	
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30-Aug-24 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	
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30-Aug-24 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	
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30-Aug-24 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	
30-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-8-2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
31-Aug-24 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	
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31-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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31-Aug-24 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-Sep-24 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	17.40	0.00	1.58	1.58	0.00	13.36	1,107.13	137.57	0.00	0.01	0.00	0.00	0.00	0.00	36.75	0.00	1.58	0.00	
Maximum	21.54	0.05	2.49	2.49	21.13	14.44	1,781.21	268.16	0.09	0.03	#VALUE!	#VALUE!	0.00	0.00	42.43	1.38	2.49	44.56	
Avg	20.44	0.41	2.00	2.01	9.83	14.20	1,234.90	157.13	0.00	0.01	#VALUE!	#VALUE!	0.00	0.00	42.22	0.63	2.00	19.23	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparism				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Aug-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
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Periodically: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparism				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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	
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Site Name: GULF_GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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12-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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

Site Name: GULF_GUT
Stack Name: HRSG_STACK31
Periodically: 01-8-2024 00:00-31-8-2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:01:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:02:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:03:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:04:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:05:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:06:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:07:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:08:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:09:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:10:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:11:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:12:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:13:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:14:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:15:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:16:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:17:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:18:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:19:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:20:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:21:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:22:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Aug-24 00:23:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:01:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:02:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:03:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:04:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:05:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:06:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:07:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:08:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:09:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:10:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:11:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:12:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:13:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:14:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:15:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:16:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:17:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:18:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:19:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:20:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:21:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:22:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Aug-24 00:23:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:01:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:02:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:03:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:04:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:05:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:06:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:07:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:08:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:09:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:10:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:11:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:12:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:13:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:14:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:15:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:16:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:17:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:18:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:19:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:20:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:21:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:22:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Aug-24 00:23:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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_STACK31
Periodically: 01-8-2024 00:00-31-8-2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
17-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:01:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:02:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:03:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:04:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:05:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:06:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:07:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:08:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:09:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:10:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:11:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:12:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:13:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:14:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:15:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:16:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:17:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:18:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:19:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:20:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:21:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:22:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Aug-24 01:23:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:01:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:02:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:03:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:04:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:05:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:06:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:07:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:08:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:09:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:10:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:11:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:12:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:13:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:14:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:15:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:16:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:17:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:18:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:19:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:20:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:21:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Aug-24 00:22:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
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21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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	
21-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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22-Aug-24 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	
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22-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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22-Aug-24 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	
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23-Aug-24 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	
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23-Aug-24 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	
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23-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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24-Aug-24 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-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
24-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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25-Aug-24 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	
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25-Aug-24 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	
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25-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/8/2024 00:00-31/8/2024 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		HRSG11_NOx@7%O2	HRSG11_SO2@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	
77-Aug-24 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	
77-Aug-24 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	
77-Aug-24 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	
77-Aug-24 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	
77-Aug-24 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	
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78-Aug-24 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	
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78-Aug-24 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	
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78-Aug-24 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	
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78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
78-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
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79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
79-Aug-24 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	
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79-Aug-24 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	
79-Aug-24 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	
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80-Aug-24 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	
80-Aug-24 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	
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80-Aug-24 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	
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80-Aug-24 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	
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80-Aug-24 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	
80-Aug-24 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	
80-Aug-24 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	
80-Aug-24 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	
80-Aug-24 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	
80-Aug-24 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	
81-Aug-24 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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/8/2024 00:00-31/8/2024 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		HRSG11_NOx@7%O2	HRSG11_SO2@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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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31-Aug-24 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-Aug-24 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	
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31-Aug-24 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-Sep-24 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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/5/2024 00 00-31/5/2024 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Aug-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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10-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01-8-2024 00:00:01-8-2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_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	
11-Aug-24 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	
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Site Name: GULF GUT
Stack Name: HRSG_STACK22
Periodicity: 01/8/2024 00:00:01 8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
16-Aug-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/8/2024 00:00:01 8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/8/2024 00:00-31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_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-Aug-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Aug-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Aug-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Aug-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Aug-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Aug-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Aug-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Aug-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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: 01/8/2024 00:00 to 31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dual		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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	
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29-Aug-24 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-Aug-24 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-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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	
30-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/8/2024 00:00 to 31/8/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dual		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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Aug-24 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-Sep-24 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	
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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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Sep-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Sep-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Sep-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Sep-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Sep-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/9/2024 00:00:00 - 30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name HRSG_STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/9/2024 00:00-30/9/2024 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	
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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/9/2024 00 00-30/9/2024 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/9/2024 00 00-30/9/2024 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-9-2024 00:00-30-9-2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-9-2024 00:00-30-9-2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF_GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01-9-2024 00:00-30-9-2024 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		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	(gm)	Ton	(gm)	Ton	(gm)	ppm	ppm	mg/m3	ppm	
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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodicity: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
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Periodicity: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/9/2024 00:00-30/9/2024 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		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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/9/2024 00:00-30/9/2024 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		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-Sep-24 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	
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12-Sep-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01-9-2024 00:00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 29C	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	
1-Sep-24 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	
1-Sep-24 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	
1-Sep-24 01:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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2-Sep-24 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	
2-Sep-24 02:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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2-Sep-24 10:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01-9-2024 00:00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 29C	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	
17-Sep-24 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-Sep-24 17:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Sep-24 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-Sep-24 18:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Sep-24 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-Sep-24 19:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Sep-24 20:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Sep-24 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	
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18-Sep-24 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	
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18-Sep-24 03:59:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Period/daily: 01/9/2024 00 00-30 9/2024 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
21-Sep-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Period/daily: 01/9/2024 00 00-30 9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 26C	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/9/2024 00:00-30/9/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 26C	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	
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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/9/2024 00:00-30/9/2024 23:50

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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03-Sep-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Sep-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Sep-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Sep-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Sep-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/9/2024 00:00-30/9/2024 23:56

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Sep-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Sep-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Sep-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Sep-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Sep-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Sep-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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05-Sep-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
05-Sep-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01.9.2024 00:00-30.9.2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO@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	
07-Sep-24 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-Sep-24 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-Sep-24 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-Sep-24 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-Sep-24 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	
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08-Sep-24 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-Sep-24 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-Sep-24 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	
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08-Sep-24 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-Sep-24 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-Sep-24 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-Sep-24 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-Sep-24 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-Sep-24 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	
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09-Sep-24 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	
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09-Sep-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01.9.2024 00:00-30.9.2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO@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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 26C	GUT22_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	
14-Sep-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 26C	GUT22_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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Periodicity: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/9/2024 00:00-30/9/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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-Oct-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
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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	
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10-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
10-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
10-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
10-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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10-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
10-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/10/2023 00:00-31/10/2023 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-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
11-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
11-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
11-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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11-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
12-Oct-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
1-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 01:59:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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1-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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1-Oct-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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1-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
1-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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2-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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2-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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2-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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2-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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2-Oct-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
2-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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3-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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3-Oct-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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3-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
3-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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4-Oct-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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4-Oct-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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4-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
4-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
5-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
17-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
18-Oct-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_ST4CK11
Periodically: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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%02	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Oct-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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29-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Oct-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Oct-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Nov-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK10
Periodicity: 01/10/2022 00:00:31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10 2022 00 00-31/10/2022 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SO2@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-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_CO@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-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_CO@7%O2	HRSG11_CO@7%O2	
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Site Name: GULF_GUT
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	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/10/2022 00:00-31/10/2022 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-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00 00-31/10/2022 23 59

Actual Operation Condition									Emission Loading						Emission Concentration for Standerization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00 00-31/10/2022 23:59

Actual Operation Condition									Emission Loading						Emission Concentration for Standerization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 35C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Oct-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Oct-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Oct-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00:00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 35C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Oct-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Oct-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Oct-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Oct-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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11-Oct-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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11-Oct-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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13-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodicity: 01/10/2022 00:00-31/10/2022 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		[illegible]	[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Oct-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
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Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
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18-Oct-24 14:00:00	Shut Down	Shut Down	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_STACK2
Periodically: 01/10/2022 00 00-31/10/2022 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00 00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Oct-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Oct-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Oct-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Oct-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Oct-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Oct-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00 00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/Hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/10/2022 00 00-31/10/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/Hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Oct-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Oct-23 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
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06-Oct-23 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/10/2023 00:00-31/10 2023 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust				HRSG21_Dust (7%O2)		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	g/s	Ton	g/s	Ton	g/s	ppm	ppm	mg/m3	ppm	
07-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/10/2023 00:00-31/10/2023 23 59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust				HRSG21_Dust (7%O2)		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	g/s	Ton	g/s	Ton	g/s	ppm	ppm	mg/m3	ppm	
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12-Oct-24 17:00:00	Shut Down	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: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM, 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Oct-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Oct-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodicity: 01/10/2023 00:00-31/10/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM, 25C	GUT21_LOAD	NOx		SOx		Dust		[illegible]	[illegible]	HRSG21_Dust (7%O2)	[illegible]	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
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26-Oct-

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/10/2023 00:00-31/10/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Oct-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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	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		[illegible]	[illegible]	HRSG21_Dual (7%O2)	[illegible]	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Periodically: 01/11/2024 00:00-30/11/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Site Name: GULF_GUT
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Periodically: 01/11/2024 00:00-30/11/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	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	
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Site Name: GULF_GUT
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Actual Operation Condition									Emission Loading								Emission Concentration for Standardization Comparison				Remark
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	
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Periodically: 01/11/2024 00:00-30/11/2024 23:59

Actual Operation Condition									Emission Loading								Emission Concentration for Standardization Comparison				Remark
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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/11/2024 00:00-30/11/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Minimum	21.89	0.00	1.18	1.32	0.00	13.15	1,283,619.18	140.83	0.05	14.26	0.00	0.00	0.00	0.45	39.02	0.00	1.18	0.00	
Maximum	24.59	0.00	11.80	11.76	7.87	14.27	1,650,872.81	267.91	0.07	25.47	0.00	0.00	0.02	5.90	47.36	0.00	11.80	19.26	
Avg	22.75	0.00	2.78	2.94	3.54	13.69	1,647,189.81	225.78	0.07	19.41	0.00	0.00	0.00	1.30	42.87	0.00	2.78	5.31	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
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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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
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Periodically: 01/11/2022 00:00-30/11/2022 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	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_CUT
Stack Name: HRSG_STACK21
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
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Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/11/2022 00:00-30/11/2022 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-Nov-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name HRSG_STACK21
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
14-Nov-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name HRSG_STACK21
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK31
Periodically: 01.11.2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
27-Nov-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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06-Nov-22 00:

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Periodically: 01/11/2022 00:00-30/11/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Conversion				
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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/11/2022 00:00-30/11/2022 23:59

Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Conversion				
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	
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Site Name: GULF_GUT
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Periodically: 01/11/2022 00 00-30/11/2022 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
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Site Name: GULF_GUT
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	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
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodicity: 01/12/2024 00 00-31/12/2024 [illegible]

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF_DUT
Stack Name: HRSG_STACK11
Periodically: 01/12/2024 00:00:00 To 31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/Hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_DUT
Stack Name: HRSG_STACK11
Periodically: 01/12/2024 00:00:00 To 31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
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Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	g/s	Ton	g/s	Ton	g/s	ppm	ppm	mg/m3	ppm	
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29-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	g/s	Ton	g/s	Ton	g/s	ppm	ppm	mg/m3	ppm	
31-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
01-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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02-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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02-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
02-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
03-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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05-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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05-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison					Remark
	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-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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03-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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03-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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03-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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03-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison					Remark
	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		
11-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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12-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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12-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_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	
14-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
27-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
31-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 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		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-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 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		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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 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		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	
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02-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
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	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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUTZ1_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	
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15-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUTZ1_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	
17-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
24-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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24-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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24-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
24-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
24-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF_GUT
Stack Name: HRSG_STACK21
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
27-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_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	
31-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut 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 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	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!	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Dec-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Dec-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Dec-24 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	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Dec-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Dec-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	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	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2023 00:00-31/12/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	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	
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Site Name: GULF_GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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26-Dec-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 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		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-Dec-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/12/2024 00:00-31/12/2024 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		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	
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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	
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