ภาคผนวก ข

เอกสารประกอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

ภาคผนวก ข-1

สัญญาว่าจ้างผู้รับเหมาโครงการ

ORIGINAL

Execution Version

CONSTRUCTION CONTRACT

FOR

GBL PROJECT

BETWEEN

GULF BL COMPANY LIMITED
(OWNER)

AND

TOYO ENGINEERING CORPORATION
(CONTRACTOR)

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SCHEDULE 13	Owner Responsible Documents
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SCHEDULE 16	Form of Financial Close (Owner) Certificate
SCHEDULE 17	Section 3 Technical Specification

7.9 Contractor's Storage Areas

7.9.1 Contractor shall be responsible for provision of suitable temporary storage facilities including external hard standings.

7.9.2 The Site area given shall cover all construction activities including laydown, storage, fabrication, etc. If additional area is required for storage and construction off-site, Contractor shall be responsible for making his own arrangement.

7.10 Sign Boards

The erection of sign boards or posters will not be allowed without Owner's Representative's approval of the size, type, location, wording, etc.

7.11 Environmental and Noise Control, Site Cleanliness and Waste Disposal

7.11.1 General Compliance with EIA and Legal Requirements

Contractor shall perform the Construction Contract Work in a manner that fully complies with the applicable environmental regulations and the approved EIA report.

7.11.2 Site Cleanliness and Waste Disposal

(a) Throughout the period of construction of the Work, Contractor shall maintain the whole area of his operations in a clean, tidy and safe condition and shall arrange his materials in an orderly manner, all to the satisfaction of Owner's Representative. Contractor shall be responsible for waste collection and transfer to a suitable disposal site. Contractor shall clearly state, in the appropriate schedule, what provision is being made for disposal of waste materials both on and off-Site.

(b) All rubbish, scrap and packing materials, etc. shall be systematically cleared from the working areas and, if not removed directly from the Site, shall be deposited at general collecting points provided by Contractor and agreed with Owner's Representative, pending removal from the Site.

(c) Where practicable, screening shall be provided to prevent the ingress of dust and dirt to any part of the Work.

(d) Contractor shall not cause pollution of the Site land drainage system or any water course by dumping rubbish, fill materials or waste products from any source whatsoever.

(e) In the event of an incident whereby the pollution is attributable to any act or omission on the part of Contractor, then Contractor shall clear the pollution as soon as possible and make early plans to remedy the cause. Contractor shall prohibit the committing of nuisance by his employees within the Site or upon either Owner's land or others, and any employee found violating this provision shall be immediately discharged and not be employed again on the Construction Contract.

(f) In addition to its obligations as stated in the Construction Contract and the Technical Specification, Contractor shall make himself familiar with all

ภาคผนวก ข-2

เอกสารการบำรุงรักษา ดูแลการทำงานของระบบหล่อเย็น

GULF
Ban Lane

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date / Time:	09-Oct-2023 13:49	**Work Order No:**	20283011	**Work Permit No:**	2107003708

Location: CTW(ACC) MOTOR	**Functional Location:** 2107-CG-10PCC11AP001	**Functional Location Description:** AUXILIARY COOLING WATER PUMP 1
Requested by: (ขออนุญาตโดยพนักงานบริษัทฯ)	Suphavit Phukamjad	
Shift Leader reviews attached Job Safety Analysis (JSA) (หัวหน้ากะทบทวนแบบวิเคราะห์งานเพื่อความปลอดภัย;JSA)	☐ **In e-file no.** _____ [ทบทวนเอกสาร JSA ในรูปแบบอิเล็กทรอนิกส์ไฟล์; ระบุหมายเลขเอกสาร]	☒ **A Copy of Job Safety Analysis (JSA)** [ทบทวนเอกสาร JSA ในรูปแบบสำเนา]
Lock-Out/Tag-Out : (การล็อกและการตัดพลังงาน)	☐ **LOTO Required**	☒ **LOTO Not required**

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

- ☐ Chemical Work Permit (งานที่เกี่ยวกับสารเคมี)
- ☐ Confine Space Entry Permit (งานในที่อับอากาศ)
- ☐ Cutting/Welding, Hot Work Permit (งานตัด/เชื่อม ที่เกิดประกายไฟและความร้อน)
- ☐ Electrical Work Permit (งานไฟฟ้า > 380 VAC หรือ 125 VDC)
- ☐ Excavation Work Permit (งานที่ต้องขุดลึกลงไปมากกว่าหรือเท่ากับ 100 มม.)
- ☐ Working at Heights over 1.8 m.(งานที่ต้องทำบนที่สูงมากกว่า1.8 ม.)
- ☐ Mechanical Work Permit (แรงดันมากกว่า 6.8 บาร์ หรือ อุณหภูมิสูงกว่า 65 °C)
- ☐ Radiation Work Permit (งานที่เกี่ยวกับรังสี)
- ☐ Slings, Rigging and Cranes Permit (งานที่ใช้สลิง, รอกและเครน)
- ☐ Other Work (งานอื่นๆ ระบุ) _____

Nature of Work: (เขียนอธิบายรายละเอียดของงาน)
Inspection, Regrease and record data

Hazards: (อันตราย เช่น กระแสไฟฟ้า, ความดัน, แรงเหวี่ยง, สารเคมี เป็นต้น)

Stored Energy Source(s): (แหล่งสะสมพลังงานที่อาจก่ออันตราย เช่น สวิทช์, วาล์ว, ด้ำยัน เป็นต้น)

Prepared by: (Work Supervisor)	[redacted]	**Date:**	9/10/2023	**Time:**	14.00
Reviewed by: (Contractor)		**Date:**		**Time:**	
Reviewed by: (Operation Engineer)		**Date:**	9/10/23	**Time:**	14:00
Authorized by: (Shift Leader)		**Date:**	9/10/23	**Time:**	14.00

WORK PERMIT EXTENSION RECORD(shift by shift): (การต่อใบอนุญาต , กะ ต่อ กะ)

Date	Extension Request Description	Extended Work Open				Extended Work Close			
		Work Supervisor	Operation Eng.	Shift Leader	Time	Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									

WORK CLOSURE AND TAG-OUT RELEASE (การขอปิดการทำงานและปลดการล็อก และตัดพลังงาน)

I have checked the equipment and concluded that: (อธิบายสภาพความพร้อมของเครื่องจักรหลังเสร็จสิ้นการซ่อมแซมแก้ไข)

Work Completed

Verified and reported by: Work Supervisor	[redacted]	**Date:**	9/10/23	**Time:**	16.00	**Work Completed**	
Tag-Out Release Authorized by: (Shift Leader)		**Date:**		**Time:**			
Checked by: Operation Engineer		**Date:**	9/10/23	**Time:**	16:00		
Work Permit Closed by: (Shift Leader)		**Date:**	9/10/23	**Time:**	16:00	**YES** ✓	**NO**

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20283011**

Notification **10377025**

Object List

No	Functional Location	Func. Loc. Description	Equipment	Manufacturer Serial Number	Notification
1	2107-CG-10GMA21AP001	MOTOR COOLING TOWER BLOWDOWN PUMP 1			
2	2107-CG-10GMA22AP001	MOTOR COOLING TOWER BLOWDOWN PUMP 2			
3	2107-CG-10LCB10AP001-M01	MOTOR CONDENSATE PUMP 1			
4	2107-CG-10LCB20AP001-M01	MOTOR CONDENSATE PUMP 2			
5	2107-CG-10PAD91AN001-M01	MOTOR COOLING TOWER FAN 1			
6	2107-CG-10PAD92AN001-M01	MOTOR COOLING TOWER FAN 2			
7	2107-CG-10PAD93AN001-M01	MOTOR COOLING TOWER FAN 3			
8	2107-CG-10PCC11AP001-M01	MOTOR AUXILIARY COOLING WATER PUMP 1			
9	2107-CG-10PCC12AP002-M01	MOTOR AUXILIARY COOLING WATER PUMP 2			
10	2107-CG-10PGC11AP001-M01	MOTOR CLOSED COOLING WATER PUMP 1			
11	2107-CG-10PGC12AP001-M01	MOTOR CLOSED COOLING WATER PUMP 2			

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WORK ORDER

Preventive Maintenance

Work Order **20283011**

Notification **10377025**

General

Main Work Center	ME1-GBL - Electrical	**Priority**	3-Routine (30 Days)
PM Activity Type	PM1-PM-Time base	**Requested Date**	01-Oct-2023 03:30
Revision		**Status**	REL **Status Date** 09-Oct-2023 13:48

Reference Object

Functional Location	2107-CG-10PCC11AP001	AUXILIARY COOLING WATER PUMP 1
Equipment		
Warranty Expire Date		

Requested For	**Date**	**Start**	**End**	**Duration (Hrs)**
3M PM CTW(ACC) MOTOR	**Notif. Require**	01-Oct-2023	31-Oct-2023	176.0
	Order Basic	02-Oct-2023	03-Oct-2023	16.0
	Order Actual			0.0

Responsibilities

Requested By	**Work Instruction**		
Responded By	**Maintenance Plan**	E207XL24-002	PM CTW(ACC) MOTOR
Lead Engineer	**Task List**	E207XL24	3M PM LV MOTOR

Planned Labor

Op#	SOp#	Description	Work (Hrs)	No.	Duration (Hrs)	PR No.	Remark (if abnormal)
0010		3M PM LV MOTOR	8.5	1	8.5		
0010	0010	Coordinate operation open work permit	0.5	1	0.5		
0010	0020	Measuring space heater	2.0	1	2.0		
0010	0030	As found electrical	2.0	1	2.0		
0010	0040	Regrease by time base condition (Refer to motor manual).	2.0	1	2.0		
0010	0050	Record results on inspection sheet	1.5	1	1.5		
0010	0060	Close work permit, Time confirm and TECO	0.5	1	0.5		
Total Operation Duration					**8.5**		

Damage / Problem

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Cause

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Activity

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Note: (Other Comment)

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GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20283011**

Notification **10377025**

Reported By	Accepted By	Completed By
Sign : [redacted]		
Name :		
Date : 9/10/2023	Date : 9/10/23	Date : 9/10/2023

GULF
Ban Lane

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date / Time:	09-Oct-2023 13:46	**Work Order No:**	20282986	**Work Permit No:**	2107003707

Location: MV MCW, BFWP, (CHILLER) MOTOR	**Functional Location:** 2107-CG-10PAC11AP001	**Functional Location Description:** MAIN COOLING WATER PUMP 1
Requested by: (ขออนุญาตโดยพนักงานบริษัทฯ)	Suphavit Phukamjad	
Shift Leader reviews attached Job Safety Analysis (JSA) (หัวหน้ากะทบทวนแบบวิเคราะห์งานเพื่อความปลอดภัย;JSA)	☐ **In e-file no.** [ทบทวนเอกสาร JSA ในรูปแบบอิเล็กทรอนิกส์ไฟล์; ระบุหมายเลขเอกสาร]	☒ **A Copy of Job Safety Analysis (JSA)** [ทบทวนเอกสาร JSA ในรูปแบบสำเนา]
Lock-Out/Tag-Out : (การล็อกและการตัดพลังงาน)	☐ **LOTO Required**	☒ **LOTO Not required**

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

- ☐ Chemical Work Permit (งานที่เกี่ยวกับสารเคมี)
- ☐ Confine Space Entry Permit (งานในที่อับอากาศ)
- ☐ Cutting/Welding, Hot Work Permit (งานตัด/เชื่อม ที่เกิดประกายไฟและความร้อน)
- ☐ Electrical Work Permit (งานไฟฟ้า > 380 VAC หรือ 125 VDC)
- ☐ Excavation Work Permit (งานที่ต้องขุดลึกลงไปมากกว่าหรือเท่ากับ 100 มม.)
- ☐ Working at Heights over 1.8 m.(งานที่ต้องทำบนที่สูงมากกว่า1.8 ม.)
- ☐ Mechanical Work Permit (แรงดันมากกว่า 6.8 บาร์ หรือ อุณหภูมิสูงกว่า 65 °C)
- ☐ Radiation Work Permit (งานที่เกี่ยวกับรังสี)
- ☐ Slings, Rigging and Cranes Permit (งานที่ใช้สลิง, รอกและเครน)
- ☐ Other Work (งานอื่นๆ ระบุ) _____

Nature of Work: (เขียนอธิบายรายละเอียดของงาน)
Inspection, Regrease and record data

Hazards: (อันตราย เช่น กระแสไฟฟ้า, ความดัน, แรงเหวี่ยง, สารเคมี เป็นต้น)

Stored Energy Source(s): (แหล่งสะสมพลังงานที่อาจก่ออันตราย เช่น สวิทช์, วาล์ว, ค้ำยัน เป็นต้น)

Prepared by: (Work Supervisor)	[redacted]	**Date:**	9/10/23	**Time:**	11.00
Reviewed by: (Contractor)		**Date:**		**Time:**	
Reviewed by: (Operation Engineer)		**Date:**	9/10/23	**Time:**	09:00
Authorized by: (Shift Leader)		**Date:**	9/10/23	**Time:**	09:00

WORK PERMIT EXTENSION RECORD(shift by shift): (การต่อใบอนุญาต , กะ ต่อ กะ)

Date	Extension Request Description	Extended Work Open				Extended Work Close			
		Work Supervisor	Operation Eng.	Shift Leader	Time	Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									

WORK CLOSURE AND TAG-OUT RELEASE (การขอปิดการทำงานและปลดการล็อก และตัดพลังงาน)

I have checked the equipment and concluded that: (อธิบายสภาพความพร้อมของเครื่องจักรหลังเสร็จสิ้นการซ่อมแซมแก้ไข)

Work Complete

Verified and reported by: Work Supervisor	[redacted]	**Date:**	9/10/23	**Time:**	16:00		
Tag-Out Release Authorized by: (Shift Leader)		**Date:**		**Time:**		**Work Completed**	
Checked by: Operation Engineer		**Date:**	9/10/23	**Time:**	16:00		
Work Permit Closed by: (Shift Leader)		**Date:**	9/10/23	**Time:**	16:00	✓ **YES**	**NO**

ULF
Bean Lane

WORK ORDER

Preventive Maintenance

Work Order **20282986**

Notification **10377000**

Object List

No	Functional Location	Func. Loc. Description	Equipment	Manufacturer Serial Number	Notification
1	2107-CG-10LAC11AP001-M01	MOTOR HP/LP BOILER FEED WTER PUMP 1			
2	2107-CG-10LAC12AP001-M01	MOTOR HP/LP BOILER FEED WTER PUMP 2			
3	2107-CG-10LAC13AP001-M01	MOTOR HP/LP BOILER FEED WTER PUMP 3			
4	2107-CG-10PAC11AP001-M01	MOTOR MAIN COOLING PUMP 1			
5	2107-CG-10PAC12AP001-M01	MOTOR MAIN COOLING PUMP 2			
6	2107-CG-10EKH11AN001-M01	MOTOR GAS COMPRESSOR 1			
7	2107-CG-10EKH12AN001-M01	MOTOR GAS COMPRESSOR 2			

WORK ORDER

Preventive Maintenance

Work Order **20282986**

Notification **10377000**

General

Main Work Center	ME1-GBL - Electrical	**Priority**	3-Routine (30 Days)
PM Activity Type	PM1-PM-Time base	**Requested Date**	01-Oct-2023 03:30
Revision		**Status**	REL **Status Date** 09-Oct-2023 13:46

Reference Object

Functional Location	2107-CG-10PAC11AP001	MAIN COOLING WATER PUMP 1
Equipment		
Warranty Expire Date		

Requested For	Date	Start	End	Duration (Hrs)
3M PM MV MCW, BFWP, (CHILLER) MOTOR	**Notif. Require**	01-Oct-2023	31-Oct-2023	176.0
	Order Basic	02-Oct-2023	04-Oct-2023	24.0
	Order Actual			0.0

Responsibilities

Requested By		
Responded By		
Lead Engineer		

Work Instruction

Maintenance Plan	E207XL21-004	PM MV MCW, BFWP,
Task List	E207XL22	3M PM LV MOTOR

Planned Labor

Op#	SOp#	Description	Work (Hrs)	No.	Duration (Hrs)	PR No.	Remark (if abnormal)
0010		3M PM LV MOTOR	18.5	1	18.5		
0010	0010	Coordinate operation open work permit	0.5	1	0.5		
0010	0070	Measuring space heater	4.0	1	4.0		
0010	0080	As found electrical	4.0	1	4.0		
0010	0090	Regrease by time base condition (Refer to motor manual).	8.0	1	8.0		
0010	0100	Record results on inspection sheet	1.5	1	1.5		
0010	0110	Close work permit, Time confirm and TECO	0.5	1	0.5		
Total Operation Duration					**18.5**		

Damage / Problem

Cause

Activity

Note: (Other Comment)

GULF
Jebel Ali Lane

WORK ORDER

Preventive Maintenance

Work Order **20282986**

Notification **10377000**

Reported By	Accepted By	Completed By
Sign [redacted]		
Name		
Date : 9/10/2023	Date : 9/10/23	Date : 9/10/2023

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date/Time	27/12/2023	**Work Order No.:**	20286390	**Work Permit No.:**	2107003787
Location Sampling		**Functional Location:** 2107-CG-10GMA30CQ002		**Functional Location Description:** CT BLOWDOWN PUMP DISCHARGE CONDUCTIVITY	
Requested by: (ขออนุญาตโดยพนักงานบริษัทฯ)		pongrat keaniaem			
Shift Leader reviews attached Job Safety Analysis (JSA) (หัวหน้ากะทบทวนแบบวิเคราะห์งานเพื่อความปลอดภัย; JSA)		☐ **In e-file no.** (ทบวนเอกสาร JSA ในรูปแบบอิเล็กทรอนิกส์ ไฟล์; ระบุหมายเลขเอกสาร)		☑ **A Copy of Job Safety Analysis (JSA)** (ทบวนเอกสาร JSA ในรูปแบบสำเนา)	
Lock-out/Tag-Out: (การล็อกและการตัดพลังงาน)		☐ **LOTO Required**		☑ **LOTO Not required**	

Hazardous Work Involved / Are other perits required? Mark each box as applicable (ระบุใบอนุญาตงานอันตรายที่เกี่ยวข้อง)

- ☐ **Chemical Work Permit** (งานที่เกี่ยวกับสารเคมี)
- ☐ **Confined Space Entry Permit** (งานในที่อับอากาศ)
- ☐ **Hot Work Permit (General)** (งานตัด/เชื่อม ที่เกิดประกายไฟและความร้อนทั่วไป)
- ☐ **Electrical Work Permit** (งานไฟฟ้า > 380 VAC หรือ 125 VDC)
- ☐ **Excavation Work Permit**(งานที่ต้องขุดลึกลงไปมากกว่าหรือเท่ากับ 100 มม.)
- ☐ **Working at Heights over 1.8 m.** (งานที่ต้องทำบนที่สูงมากกว่า 1.8 ม.)
- ☐ **Mechanical Work Permit** (แรงดันมากกว่า 6.8 บาร์ หรือ อุณภูมิสูงกว่า 65°C)
- ☐ **Radiation Work Permit** (งานที่เกี่ยวกับรังสี)
- ☐ **Slings, Ringging and Cranes Permit** (งานที่ใช้สลิง, รอกและเครน)
- ☐ **Other Work** (งานอื่นๆ ระบุ)

Nature of Work: (เขียนอธิบายรายละเอียดของงาน)

Test and calibrate conductivity analyzer.

Hazards: (อันตราย เช่น กระแสไฟฟ้า, ความดัน, แรงเหวี่ยง, สารเคมี เป็นต้น)

แรงดัน

Stored Energy Source(s): (แหล่งสะสมพลังงานที่อาจก่ออันตราย เช่น สวิทช์, วาล์ว, ค้ำยัน เป็นต้น)

วาล์ว

Prepared by: (Work Supervisor)		**Date:**	27/12/2023	**Time:**	09:35
Reviewed by: (Contractor)		**Date:**		**Time:**	
Reviewed by: (Operation Engineer)		**Date:**	27/12/2023	**Time:**	09:35
Authorized by: (Shift Leader)		**Date:**	27/12/2023	**Time:**	09:35

WORK PERMIT EXTENSION RECORD (shift by shift): (การต่อใบอนุญาต, กะ ต่อ กะ)

Date	Extension Request Description	Extended Work Open				Extended Work Close			
		Work Supervisor	Operation Eng.	Shift Leader	Time	Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									

WORK CLOSURE AND TAG-OUT RELEASE (การขอปิดการทำงานและปลดการล็อกและตัดพลังงาน)

I have checked the equipment and concluded that: (อธิบายสภาพความพร้อมขอเครื่องจักรหลังเสร็จสิ้นการซ่อมแซมแก้ไข)

Work Completed

Verified and reported by: (Work Supervisor)		**Date:**	27/12/2023	**Time:**	11:10	**Work Completed**	
Tag-Out Release Authorized by: (Shift Leader)		**Date:**		**Time:**			
Checked by: (Operation Engineer)		**Date:**	27/12/2023	**Time:**	11:10		
Work Permit Closed by: (Shift Leader)		**Date:**	27/12/2023	**Time:**	11:10	☑ **Yes**	☐ **No**

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286390**

Notification **10380635**

General

Main Work Center	MI1-GBL - Instrument	**Priority**	3-Routine (30 Days)
PM Activity Type	PM1-PM-Time base	**Requested Date**	01-Dec-2023 03:30
Revision		**Status**	REL **Status Date** 31-Dec-2023 13:03

Reference Object

Functional Location	2107-CG-10GMA30CQ002	CT BLOWDOWN PUMP DISCHARGE CONDUCTIVITY
Equipment		
Warranty Expire Date		

Requested For	**Date**	**Start**	**End**	**Duration (Hrs)**
CONDUCTIVITY ANALYZER INSPECTION (1M)	**Notif. Require**	01-Dec-2023	31-Dec-2023	160.0
	Order Basic	01-Dec-2023	01-Dec-2023	8.0
	Order Actual			0.0

Responsibilities	**Work Instruction**		
Requested By	**Maintenance Plan**	I207CQ11-001	CONDUCTIVITY ANALYZER
Responded By	**Task List**	I207CQ11	CONDUCTIVITY ANALYZE
Lead Engineer			

Planned Labor

Op#	SOp#	Description	Work (Hrs)	No.	Duration (Hrs)	PR No.	Remark (if abnormal)
0010		CONDUCTIVITY ANALYZE INSPECTION (1M)	1.4	1	1.4		
0010	0010	RECORD DATA BEFORE CALIBRATION	0.1	1	0.1		
0010	0020	HOLD LAST VALUE OF ANALYZER	0.1	1	0.1		
0010	0030	REMOVE CONDUCTIVITY SENSOR FOR CLEAN	0.1	1	0.1		
0010	0040	CALIBRATION TEMP. SENSOR OF ANALYZER	0.1	1	0.1		
0010	0050	CALIBRATION ANALYZER ZERO IN AIR	0.5	1	0.5		
0010	0060	CALIBRATION ANALYZER WITH BUFFER	0.1	1	0.1		
0010	0070	RECORD DATA ON CHECK SHEET	0.2	1	0.2		
0010	0080	REINSTALLATION CONDUCTIVITY SENSOR	0.1	1	0.1		
0010	0090	CHECK CONDITION OF CABLE AFTER INSTALL	0.1	1	0.1		
Total Operation Duration					**1.4**		

Damage / Problem

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Cause

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Activity

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GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286390**

Notification **10380635**

Note: (Other Comment)

Reported By	Accepted By	Completed By
Sign		
Name		
Date : 27 DEC 2023	Date : 27 DEC 2023	Date : 31 DEC 2023

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286390**

Notification **10380635**

Object List

No	Functional Location	Func. Loc. Description	Equipment	Manufacturer Serial Number	Notification
1	2107-CG-10GMB30CQ002	WW DISCHARGE COND.			
2	2107-CG-10PAB35CQ002	MCW SUPPLY CONDUCT			

GULF

แบบฟอร์มการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)

Date/ วันที่ : Refer work Permit **JSA No.** JSA-MI-PM-01 **Work Permit No.** Refer work Permit

Job/ชื่องาน : Conductivity Analyzer Inspection

Work Location/ Equipment No./ อุปกรณ์/ พื้นที่ทำงาน : SorapHng

Prepared by/ ผู้จัดทำ : Amlerapan / Pongrat **Reviewed & Approved by/ ทบทวนและอนุมัติโดย :** Jaroonl. **Acknowledged by/รับทราบ โดย** [illegible] N/A (หัวหน้าทะ) (หัวหน้างานของผู้รับเหมา)

1	ตรวจสอบการทำงานเบื้องต้นของเครื่องวัด และ Record ค่าก่อนเริ่มทำการ Calibration	1.1 ความร้อน/ลื่น/สะดุด/หกล้ม	ปานกลาง	1.1.1 ตรวจสอบความสะอาด เช็ดพื้นให้แห้งก่อนที่จะเข้ามาทำงาน	เล็กน้อย
		1.2 สัตว์มีพิษ เช่น งู,ผึ้ง,ต่อ เป็นต้น	สูง	1.2.1 ตรวจสอบพื้นที่ก่อนเข้าปฏิบัติงาน หากมีสัตว์มีพิษต้องกำจัดก่อนถึงจะปฏิบัติงานได้	เล็กน้อย
2	กดปุ่ม Hold ค่าไว้ แล้วทำการปิดน้ำ Sampling และทำการถอด Sensor ทำความสะอาดทั้ง Probe และ Sensor	2.1 น้ำกระเด็นเข้าตา หรือเข้าสู่ร่างกาย	สูง	2.1.1 สวมใส่ PPE แว่นตา Safety, รองเท้า Safety, หมวก Safety	เล็กน้อย
		2.2 สัมผัสโดนจุดที่ร้อน	ปานกลาง	2.2.1 ตรวจสอบอุณหภูมิก่อนสัมผัสกับระบบ	เล็กน้อย
		2.3 กดปุ่ม Hold ค่าผิด	ปานกลาง	2.3.1 ตรวจสอบค่าที่ Control Room ได้ถูก Hold ไว้	เล็กน้อย
3	นำ Sensor จุ่มไปที่น้ำยา Standard Solutiton แล้วทำการ Calibration และบันทึกผล	3.1 น้ำยา Standard Solutiton กระเด็นเข้าตา, ผิวหนังและทางเดินหายใจ	สูง	3.1.1 สวมใส่ PPE แว่นตา Safety, รองเท้า Safety, หมวก Safety 3.1.2 ศึกษาข้อมูลความปลอดภัยสารเคมี (SDS)	เล็กน้อย
		3.2 กดปุ่ม Calibration ผิดหรือ ทำผิดขั้นตอน	ปานกลาง	3.2.1 ศึกษา Manual ของอุปกรณ์ให้ดีก่อนปฏิบัติงาน	เล็กน้อย
4	ติดตั้ง Sensor กลับเหมือนเดิม ตรวจสอบค่า แล้วคืนระบบให้พร้อมใช้งาน	4.1ไฟฟ้าช็อตหรือดูด	สูง	4.1.1 ตรวจสอบสายตัวอุปกรณ์ก่อนที่จะสัมผัส ตัวอุปกรณ์	เล็กน้อย
		4.2 ลืมเปิดน้ำเข้าสู่ระบบ	ปานกลาง	4.2.1 ตรวจสอบก่อนเอาระบบกลับคืน 4.2.2 เปรียบเทียบค่าก่อน/ หลัง ทำงาน และที่ DCS	เล็กน้อย

หมายเหตุ 1. แถบสีเหลืองเป็นการระบุข้อมูลก่อนพิมพ์แนบกับใบขออนุญาตการทำงาน

2. ช่องกรณีอนุมัติโดย ต้องลงเป็นลายมือชื่อทุกครั้งแนบไปกับใบอนุญาต

3. เกณฑ์การพิจารณาการจัดระดับความรุนแรงที่ส่งผลกระทบต่อบุคคล/ทรัพย์สิน ดังตารางด้านล่างนี้

- การจัดระดับความรุนแรงของเหตุการณ์ต่าง ๆที่ส่งผลกระทบต่อบุคคล

ระดับ	ความรุนแรง	รายละเอียด
1	ยอมรับได้	ไม่มีการบาดเจ็บ
2	เล็กน้อย	มีการบาดเจ็บเล็กน้อยในระดับปฐมพยาบาล
3	ปานกลาง	มีการบาดเจ็บที่ต้องได้รับการรักษาทางการแพทย์
4	สูง	มีการบาดเจ็บหรือเจ็บป่วยที่รุนแรง/ ต้องหยุดงานเกิน 1 วัน/เสียชีวิต

- การจัดระดับความรุนแรงของเหตุการณ์ต่าง ๆที่ส่งผลกระทบต่อทรัพย์สิน

ระดับ	ความรุนแรง	รายละเอียด
1	ยอมรับได้	ไม่มีทรัพย์สินเสียหาย
2	เล็กน้อย	ทรัพย์สินเสียหายน้อยมาก
3	ปานกลาง	ทรัพย์สินเสียหายปานกลางและสามารถดำเนินการผลิตต่อไปได้
4	สูง	ทรัพย์สินเสียหายมากและไม่สามารถใช้งานอุปกรณ์นั้นได้ หรือ [illegible]

GULF	Gulf Company Limited	Date :	27/12/2023

Conductivity Online Calibration Sheet

Plant :	GBL	**Location :**	Sampling
KKS Code :	2107-CG-10PAB35CQ002	**Equipment Name :**	MCW SUPPLY CONDUCT
Work Order No :	20286390	**Work Instruction No :**	WI-MTN-MI-05

Sensor :		**Manufacturer :**	YOKOGAWA	**Model :**	SC42	**Serial No :**	N3T602594
Transmitter :		**Manufacturer :**	YOKOGAWA	**Model :**	FLXA21	**Serial No :**	C2T706534
Range :	**0-4000**	**Error Limit :**	±2 % of Reading			**Standard Buffer :**	1413.000

Parameter	Before Calibrate			After Calibrate		
	Conductivity (µS/cm)	Cell Constant	Temperature (°C)	Conductivity (µS/cm)	Cell Constant	Temperature (°C)
On-line Reading	3025.000	0.100	31.000	3458.000	0.100	31.500

✓ **Maintenance :** ☑ **Clean Sensor** ☑ **Clean Chamber** ☑ **Clean Filter**

☑ **Clean Rotameter** ☑ **Clean Transmitter** ☑ **Check Cable Signal and Connection**

Step	Standard Solution (Conductivity)	AS FOUND			AS LEFT		
		Reading (µS/cm)	Temp. (°C)	Error (%)	Reading (µS/cm)	Temp. (°C)	Error (%)
1	Air Check	0.000	24.000	-	0.000	24.000	-
2	1413.000	1446.000	25.900	2.34	1409.000	25.900	-0.28
3							

✓ **Result of Test :** ☑ **Accept** ☐ **Unaccept**

Remark:

DESCRIPTION	TESTED/ INSPECTED BY	ACCEPTED BY
Full Name-Surname		
Position	Control & Instrument Engineer	Control & Instrument Leader
Date	27/12/2023	31/12/2023

GULF	Gulf Company Limited	Date :	27/12/2023

Conductivity Online Calibration Sheet

Plant :	GBL	**Location :**	Sampling
KKS Code :	2107-CG-10GMA30CQ002	**Equipment Name :**	CT BLOWDOWN PUMP DISCHARGE CONDUCTIVITY
Work Order No :	20286390	**Work Instruction No :**	WI-MTN-MI-05

Sensor :		**Manufacturer :**	YOKOGAWA	**Model :**	SC42	**Serial No :**	N3T602584
Transmitter :		**Manufacturer :**	YOKOGAWA	**Model :**	FLXA21	**Serial No :**	C2T706535
Range :	**0-4000**	**Error Limit :**	±2 % of Reading			**Standard Buffer :**	1413.000

Parameter	**Before Calibrate**			**After Calibrate**		
	Conductivity (µS/cm)	**Cell Constant**	**Temperature (°C)**	**Conductivity (µS/cm)**	**Cell Constant**	**Temperature (°C)**
On-line Reading	3043.000	0.100	33.000	4.990	0.100	34.000

✓ **Maintenance :** ☑ **Clean Sensor** ☑ **Clean Chamber** ☑ **Clean Filter**

☑ **Clean Rotameter** ☑ **Clean Transmitter** ☑ **Check Cable Signal and Connection**

Step	**Standard Solution (Conductivity)**	**AS FOUND**			**AS LEFT**		
		Reading (µS/cm)	**Temp. (°C)**	**Error (%)**	**Reading (µS/cm)**	**Temp. (°C)**	**Error (%)**
1	**Air Check**	0.000	24.000	-	0.000	24.000	-
2	1413.000	1451.000	26.800	2.69	1410.000	26.800	-0.21
3							

✓ **Result of Test :** ☑ **Accept** ☐ **Unaccept**

Remark:

DESCRIPTION	**TESTED/ INSPECTED BY**	**ACCEPTED BY**
Full Name-Surname		
Position	**Control & Instrument Engineer**	**Control & Instrument Leader**
Date	27/12/2023	31/12/2023

GULF	Gulf Company Limited	Date :	27/12/2023

Conductivity Online Calibration Sheet

Plant :	GBL	**Location :**	Sampling
KKS Code :	2107-CG-10GMB30CQ002	**Equipment Name :**	WW DISCHARGE COND.
Work Order No :	20286390	**Work Instruction No :**	WI-MTN-MI-05

Sensor :		**Manufacturer :**	YOKOGAWA	**Model :**	SC42	**Serial No :**	N3T602589
Transmitter :		**Manufacturer :**	YOKOGAWA	**Model :**	FLXA21	**Serial No :**	C2T706536
Range :	**0-4000**	**Error Limit :**	±2 % of Reading			**Standard Buffer :**	1413.000

Parameter	**Before Calibrate**			**After Calibrate**		
	Conductivity (µS/cm)	**Cell Constant**	**Temperature (°C)**	**Conductivity (µS/cm)**	**Cell Constant**	**Temperature (°C)**
On-line Reading	1238.000	0.110	31.500	1140.000	0.100	32.000

✓ **Maintenance :** ☑ **Clean Sensor** ☑ **Clean Chamber** ☑ **Clean Filter**

☑ **Clean Rotameter** ☑ **Clean Transmitter** ☑ **Check Cable Signal and Connection**

Step	**Standard Solution (Conductivity)**	**AS FOUND**			**AS LEFT**		
		Reading (µS/cm)	**Temp. (°C)**	**Error (%)**	**Reading (µS/cm)**	**Temp. (°C)**	**Error (%)**
1	**Air Check**	0.000	24.000	-	0.000	24.000	-
2	1413.000	1530.000	25.800	8.28	1412.000	25.800	-0.07
3							

✓ **Result of Test :** ☑ **Accept** ☐ **Unaccept**

Remark:

DESCRIPTION	**TESTED/ INSPECTED BY**	**ACCEPTED BY**
Full Name-Surname	[redacted]	
Position	**Control & Instrument Engineer**	**Control & Instrument Leader**
Date	27/12/2023	31/12/2023

WORK PERMIT FORM

PREPARED BY COMPANY'S WORK SUPERVISOR (กรอกข้อความให้สมบูรณ์โดยผู้ควบคุมงานซึ่งเป็นพนักงานบริษัทฯ)

Date/Time	26/12/2023	**Work Order No.:**	20286430	**Work Permit No.:**	2107003784
Location Sampling		**Functional Location:** 2107-CG-10QUA27CQ001		**Functional Location Description:** PH AFTER GAS CONDENSER	
Requested by: (ขออนุญาตโดยพนักงานบริษัทฯ)		Chalermpon Sripong			
Shift Leader reviews attached Job Safety Analysis (JSA) (หัวหน้ากะทบทวนแบบวิเคราะห์งานเพื่อความปลอดภัย; JSA)		☐ **In e-file no.** (ทบวนเอกสาร JSA ในรูปแบบอิเล็กทรอนิกส์ ไฟล์; ระบุหมายเลขเอกสาร)		☑ **A Copy of Job Safety Analysis (JSA)** (ทบวนเอกสาร JSA ในรูปแบบสำเนา)	
Lock-out/Tag-Out: (การล็อกและการตัดพลังงาน)		☐ **LOTO Required**		☑ **LOTO Not required**	

Hazardous Work Involved / Are other perits required? Mark each box as applicable (ระบุใบอนุญาตงานอันตรายที่เกี่ยวข้อง)

- ☐ **Chemical Work Permit** (งานที่เกี่ยวกับสารเคมี)
- ☐ **Confined Space Entry Permit** (งานในที่อับอากาศ)
- ☐ **Hot Work Permit (General)** (งานตัด/เชื่อม ที่เกิดประกายไฟและความร้อนทั่วไป)
- ☐ **Electrical Work Permit** (งานไฟฟ้า > 380 VAC หรือ 125 VDC)
- ☐ **Excavation Work Permit**(งานที่ต้องขุดลึกลงไปมากกว่าหรือเท่ากับ 100 มม.)
- ☐ **Working at Heights over 1.8 m.** (งานที่ต้องทำบนที่สูงมากกว่า 1.8 ม.)
- ☐ **Mechanical Work Permit** (แรงดันมากกว่า 6.8 บาร์ หรือ อุณภูมิสูงกว่า 65°C)
- ☐ **Radiation Work Permit** (งานที่เกี่ยวกับรังสี)
- ☐ **Slings, Ringging and Cranes Permit** (งานที่ใช้สลิง, รอกและเครน)
- ☐ **Other Work** (งานอื่นๆ ระบุ)

Nature of Work: (เขียนอธิบายรายละเอียดของงาน)

Calibration ph Sensor

Hazards: (อันตราย เช่น กระแสไฟฟ้า, ความดัน, แรงเหวี่ยง, สารเคมี เป็นต้น)

Stored Energy Source(s): (แหล่งสะสมพลังงานที่อาจก่ออันตราย เช่น สวิทช์, วาล์ว, ค้ำยัน เป็นต้น)

Prepared by: (Work Supervisor)		**Date:**	26/12/2023	**Time:**	09:37
Reviewed by: (Contractor)		**Date:**		**Time:**	
Reviewed by: (Operation Engineer)		**Date:**	26/12/2023	**Time:**	09:37
Authorized by: (Shift Leader)	ng	**Date:**	26/12/2023	**Time:**	09:37

WORK PERMIT EXTENSION RECORD (shift by shift): (การต่อใบอนุญาต, กะ ต่อ กะ)

Date	Extension Request Description	Extended Work Open				Extended Work Close			
		Work Supervisor	Operation Eng.	Shift Leader	Time	Work Supervisor	Operation Eng.	Shift Leader	Time
Closing permit for first day, Permit needs to be extended.									

WORK CLOSURE AND TAG-OUT RELEASE (การขอปิดการทำงานและปลดการล็อกและตัดพลังงาน)

I have checked the equipment and concluded that: (อธิบายสภาพความพร้อมขอเครื่องจักรหลังเสร็จสิ้นการซ่อมแซมแก้ไข)

-Completed

Verified and reported by: (Work Supervisor)		**Date:**	26/12/2023	**Time:**	17:13	**Work Completed**	
Tag-Out Release Authorized by: (Shift Leader)		**Date:**		**Time:**			
Checked by: (Operation Engineer)		**Date:**	26/12/2023	**Time:**	17:13		
Work Permit Closed by: (Shift Leader)	ng	**Date:**	26/12/2023	**Time:**	17:13	☑ **Yes**	☐ **No**

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286430**

Notification **10380675**

General

Main Work Center	MI1-GBL - Instrument	**Priority**	3-Routine (30 Days)
PM Activity Type	PM1-PM-Time base	**Requested Date**	01-Dec-2023 03:30
Revision		**Status**	REL **Status Date** 31-Dec-2023 13:03

Reference Object

Functional Location	2107-CG-10QUA27CQ001	PH AFTER CONDENSER
Equipment		
Warranty Expire Date		

Requested For	Date	Start	End	Duration (Hrs)
PH ANALYZER INSPECTION (1M)	**Notif. Require**	01-Dec-2023	31-Dec-2023	160.0
	Order Basic	01-Dec-2023	01-Dec-2023	8.0
	Order Actual			0.0

Responsibilities	Work Instruction		
Requested By	**Maintenance Plan**	I207CQ12-002	PH ANALYZER INSPECTION
Responded By	**Task List**	I207CQ12	PH ANALYZER INSPECTION
Lead Engineer			

Planned Labor

Op#	SOp#	Description	Work (Hrs)	No.	Duration (Hrs)	PR No.	Remark (if abnormal)
0010		PH ANALYZER INSPECTION (1M)	1.2	1	1.2		
0010	0010	RECORD DATA BEFORE CALIBRATION	0.1	1	0.1		
0010	0020	HOLD LAST VALUE OF ANALYZER	0.1	1	0.1		
0010	0030	REMOVE PH SENSOR FOR CLEAN	0.1	1	0.1		
0010	0040	CALIBRATION TEMP . SENSOR OF ANALYZER	0.1	1	0.1		
0010	0050	CALIBRATION ANALYZER WITH BUFFER	0.5	1	0.5		
0010	0060	RECORD DATA ON CHECK SHEET	0.1	1	0.1		
0010	0070	REINSTALLATION PH SENSOR	0.1	1	0.1		
0010	0080	CHECK CONDITION OF CABLE AFTER INSTALL	0.1	1	0.1		
Total Operation Duration					**1.2**		

Damage / Problem

.....

.....

Cause

.....

.....

Activity

.....

.....

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286430**

Notification **10380675**

Note: (Other Comment)

Reported By	Accepted By	Completed By
Sign :		
Name :		
Date : 27 DEC 2023	Date : 26 DEC 2023	Date : 31 DEC 2023

GULF
Ban Lane

WORK ORDER

Preventive Maintenance

Work Order **20286430**

Notification **10380675**

Object List

No	Functional Location	Func. Loc. Description	Equipment	Manufacturer Serial Number	Notification
1	2107-CG-10PAB35CQ001	MCW SUPPLY PH			

GULF

แบบฟอร์มการวิเคราะห์งานเพื่อความปลอดภัย (Job Safety Analysis)

Date/ วันที่ : Refer work Permit **JSA No.** JSA-MI-PM-02 **Work Permit No.** Refer work Permit

Job/ชื่องาน : pH Analyzer Inspection

Work Location/ Equipment No./ อุปกรณ์/ พื้นที่ทำงาน : Sampling

Prepared by/ ผู้จัดทำ : Chaleerpan / Pongrat **Reviewed & Approved by/ ทบทวนและอนุมัติโดย :** Jaroon. **Acknowledged by/รับทราบ โดย** ชัยเดช, ธีรพล, ภราดร, ไชโยพร, สุทัศ N/A

(หัวหน้างาน) (หัวหน้างานของผู้รับเหมา)

1	ตรวจสอบการทำงานเบื้องต้นของเครื่องวัด และ Record ค่าก่อนเริ่มทำการ Calibration	1.1 ความร้อน/ลื่น/สะดุด/หกล้ม	ปานกลาง	1.1.1 ตรวจสอบความสะอาด เช็ดพื้นให้แห้งก่อนที่จะเข้ามาทำงาน	เล็กน้อย
		1.2 สัตว์มีพิษ เช่น งู,ผึ้ง,ต่อ เป็นต้น	สูง	1.2.1 ตรวจสอบพื้นที่ก่อนเข้าปฏิบัติงาน หากมีสัตว์มีพิษต้องกำจัดก่อนถึงจะปฏิบัติงานได้	เล็กน้อย
2	กดปุ่ม Hold ค่าไว้ แล้วทำการปิดน้ำ Sampling และทำการถอด Sensor ทำความสะอาดทั้ง Probe และ Sensor	2.1 น้ำกระเด็นเข้าตา หรือเข้าสู่ร่างกาย	สูง	2.1.1 สวมใส่ PPE แว่นตา Safety, รองเท้า Safety, หมวก Safety	เล็กน้อย
		2.2 สัมผัสโดนจุดที่ร้อน	ปานกลาง	2.2.1 ตรวจสอบอุณหภูมิก่อนสัมผัสกับระบบ	เล็กน้อย
		2.3 กดปุ่ม Hold ค่าผิด	ปานกลาง	2.2.1 ตรวจสอบค่าที่ Control Room ได้ถูก Hold ไว้	เล็กน้อย
3	นำ Sensor จุ่มไปที่น้ำยา Standard Solutiton แล้วทำการ Calibration และบันทึกผล	3.1 น้ำยา Standard Solutiton กระเด็นเข้าตา, ผิวหนังและทางเดินหายใจ	สูง	3.1.1 สวมใส่ PPE แว่นตา Safety, รองเท้า Safety, หมวก Safety 3.1.2 ศึกษาข้อมูลความปลอดภัยสารเคมี (SDS)	เล็กน้อย
		3.2 กดปุ่ม Calibration ผิดหรือ ทำผิดขั้นตอน	ปานกลาง	3.2.1 ศึกษา Manual ของอุปกรณ์ให้ดีก่อนปฏิบัติงาน	เล็กน้อย
4	ติดตั้ง Sensor กลับเหมือนเดิม ตรวจสอบค่า แล้วคืนระบบให้พร้อมใช้งาน	4.1 ไฟฟ้าช็อตหรือดูด	สูง	4.1.1 ตรวจสอบสายตัวอุปกรณ์ก่อนที่จะสัมผัส ตัวอุปกรณ์	เล็กน้อย
		4.2 ลืมเปิดน้ำเข้าสู่ระบบ	ปานกลาง	4.2.1 ตรวจสอบก่อนเอาระบบกลับคืน 4.2.2 เปรียบเทียบค่าก่อน/ หลัง ทำงาน และที่ DCS	เล็กน้อย

หมายเหตุ 1. แถบสีเหลืองเป็นการระบุข้อมูลก่อนพิมพ์แนบกับใบขออนุญาตการทำงาน

2. ช่องกรณีอนุมัติโดย ต้องลงเป็นลายมือชื่อทุกครั้งแนบไปกับใบอนุญาต

3. เกณฑ์การพิจารณาการจัดระดับความรุนแรงที่ส่งผลกระทบต่อบุคคล/ทรัพย์สิน ดังตารางด้านล่างนี้

- การจัดระดับความรุนแรงของเหตุการณ์ต่าง ๆที่ส่งผลกระทบต่อบุคคล
- การจัดระดับความรุนแรงของเหตุการณ์ต่าง ๆที่ส่งผลกระทบต่อทรัพย์สิน

ระดับ	ความรุนแรง	รายละเอียด	ระดับ	ความรุนแรง	รายละเอียด
1	ยอมรับได้	ไม่มีการบาดเจ็บ	1	ยอมรับได้	ไม่มีทรัพย์สินเสียหาย
2	เล็กน้อย	มีการบาดเจ็บเล็กน้อยในระดับปฐมพยาบาล	2	เล็กน้อย	ทรัพย์สินเสียหายน้อยมาก
3	ปานกลาง	มีการบาดเจ็บที่ต้องได้รับการรักษาทางการแพทย์	3	ปานกลาง	ทรัพย์สินเสียหายปานกลางและสามารถดำเนินการผลิตต่อไปได้
4	สูง	มีการบาดเจ็บหรือเจ็บป่วยที่รุนแรง/ ต้องหยุดงานเกิน 1 วัน/เสียชีวิต	4	สูง	ทรัพย์สินเสียหายมากและไม่สามารถใช้งานอุปกรณ์นั้นได้ หรือ [illegible]

GULF

Gulf Company Limited

Date : 26/12/2023

pH Online Calibration Sheet

Plant : GBL
Location : Sampling
KKS Code : 2107-CG-10QUA27CQ001
Equipment Name : PH AFTER CONDENSER
Work Order No : 20286430
Work Instruction No : WI-MTN-MI-02

pH Sensor : **Manufacturer :** HACH **Model :** #08362=A=2000 **Serial No :** -

pH Transmitter : **Manufacturer :** HACH **Model :** SC200 **Serial No :** -

Range : 0 - 14 **Error Limit :** ±0.2 PH (±1.43% of span) **Standard Buffer :** No.1 7.000 No.2 10.000

Parameter	Before Calibrate			After Calibrate		
	pH	mV	Temperature (°C)	pH	mV	Temperature (°C)
On-line Reading	9.770	53.930	35.100	9.420	53.930	35.100

Maintenance :

- ☑ Clean Sensor
- ☑ Clean Chamber
- ☑ Clean Filter
- ☑ Clean Rotameter
- ☑ Clean Transmitter
- ☑ Check Cable Signal and Connection

Step	Standard Solution (pH)	AS FOUND			After Calibrate		
		Reading (pH)	Temp. (°C)	Error (%)	Reading (pH)	Temp. (°C)	Error (%)
1	7.000	7.220	35.100	1.57	7.020	35.100	0.14
2	10.000	10.060	35.100	0.43	10.000	35.100	0.00
3							

Result of Test : ☑ **Accept** ☐ **Unaccept**

Remark: -

DESCRIPTION	TESTED/ INSPECTED BY	TESTED/ INSPECTED BY
Full Name-Surname		
Position	Control & Instrument Engineer	Control & Instrument Leader
Date	27/12/2023	31/12/2023

GULF	Gulf Company Limited	Date : 26/12/2023

pH Online Calibration Sheet

Plant : GBL **Location :** Sampling

KKS Code : 2107-CG-10PAB35CQ001 **Equipment Name :** MCW SUPPLY PH

Work Order No : 20286430 **Work Instruction No :** WI-MTN-MI-02

pH Sensor : **Manufacturer :** YOKOGAWA **Model :** SC25V-AGP25-120 **Serial No :** N3U140790

pH Transmitter : **Manufacturer :** YOKOGAWA **Model :** FLEXA21 **Serial No :** C2T706531

Range : 0 - 14 **Error Limit :** ±0.2 PH (±1.43% of span) **Standard Buffer :** No.1 7.000 No.2 10.000

Parameter	Before Calibrate			After Calibrate		
	pH	mV	Temperature (°C)	pH	mV	Temperature (°C)
On-line Reading	8.300	94.730	32.500	8.220	94.730	32.500

Maintenance :

- ☑ Clean Sensor
- ☑ Clean Chamber
- ☑ Clean Filter
- ☑ Clean Rotameter
- ☑ Clean Transmitter
- ☑ Check Cable Signal and Connection

Step	Standard Solution (pH)	AS FOUND			After Calibrate		
		Reading (pH)	Temp. (°C)	Error (%)	Reading (pH)	Temp. (°C)	Error (%)
1	7.000	7.050	29.000	0.36	7.050	29.000	0.36
2	10.000	10.010	29.000	0.07	10.010	29.000	0.07
3							

Result of Test : ☑ **Accept** ☐ **Unaccept**

Remark: -

DESCRIPTION	TESTED/ INSPECTED BY	TESTED/ INSPECTED BY
Full Name-Surname		
Position	Control & Instrument Engineer	Control & Instrument Leader
Date	27/12/2023	31/12/2023

ภาคผนวก ข-3
ขั้นตอนการรับเรื่องร้องเรียน

ระเบียบปฏิบัติ

เรื่อง

“การสื่อสารและมีส่วนร่วมให้คำปรึกษา”

“COMMUNICATION CONSULTATION AND PATICIPATION”

PD-EHS-06

ORIGINAL

ผู้จัดทำ	ผู้ทบทวน	ผู้อนุมัติ
.....	.....	.....
ตำแหน่ง ผู้จัดการส่วนสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย วันที่ 21 OCT 2022	ตำแหน่ง ผู้จัดการส่วนสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย วันที่ 21 OCT 2022	นายอดิศักดิ์ เชิดชูวงศ์ธนากร ตำแหน่ง QMR/EMR วันที่ 21 OCT 2022

“เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น”

“หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม”

สถานะ การปรับปรุงแก้ไข					
แก้ไขครั้งที่	วันที่เริ่มใช้	หน้าที่แก้ไข	รายละเอียด	เอกสารอ้างอิง	ผู้อนุมัติ
00	01 กรกฎาคม 2562	ทุกหน้า	ขึ้นทะเบียนเอกสารใหม่	-	QMR/EMR
01	21 ตุลาคม 2565	ทุกหน้า	- เปลี่ยน LOGO และชื่อหน่วยงานให้ทันสมัย - ทบทวนตารางการสื่อสารด้านคุณภาพ สิ่งแวดล้อม อาชีวอนามัยและความปลอดภัยและสังคม - ยกเลิกแบบฟอร์ม FP-EHS-06-01, FP-EHS-06-02 ไปใช้แบบฟอร์มในระบบ ESMS	-	QMR/EMR

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

1. **วัตถุประสงค์**

เพื่อให้มั่นใจได้ว่ามีแนวทางในการสื่อสาร การรับข้อร้องเรียน และประชาสัมพันธ์ เกี่ยวกับการจัดการด้านสิ่งแวดล้อมของ องค์กร กับบุคคล และ / หรือหน่วยงานภายใน และภายนอกองค์กร

2. **ขอบเขต**

ระเบียบปฏิบัติฉบับนี้ครอบคลุม การสื่อสารภายในองค์กร และหน่วยงานภายนอกซึ่งส่งผลกระทบต่อการจัดการด้านสิ่งแวดล้อม รวมถึงการจัดการด้านอาชีวอนามัยและความปลอดภัย ขององค์กรกับบุคคล และ / หรือหน่วยงานภายใน และภายนอกองค์กร

3. **คำจำกัดความ**

- **การสื่อสาร** หมายถึง การรับเข้าและส่งออกซึ่งข่าวสาร และข้อมูลการจัดการสิ่งแวดล้อมและอาชีวอนามัยและความปลอดภัยเพื่อการติดต่อประสานงาน การกระจายข่าวสาร รวมทั้งการสร้างความเข้าใจ ระหว่างบุคคล และหรือหน่วยงาน ทั้งภายในและภายนอก
- **การสื่อสารภายใน** หมายถึง การสื่อสารทางโทรศัพท์ ป้ายประชาสัมพันธ์ ประกาศ จดหมาย จดหมายอิเล็กทรอนิกส์ การสื่อสารผ่านระบบเน็ตเวิร์ค รวมทั้ง ข้อเสนอแนะ ระหว่างบุคคล หรือหน่วยงาน ภายในระบบการจัดการสิ่งแวดล้อมและอาชีวอนามัยและความปลอดภัยของบริษัทฯ
- **การสื่อสารภายนอก** หมายถึง การสื่อสารทางโทรศัพท์ ป้ายประชาสัมพันธ์ ประกาศ จดหมาย จดหมายอิเล็กทรอนิกส์ การสื่อสารผ่านระบบเน็ตเวิร์ค รายงานที่เป็นลายลักษณ์อักษร ข้อเสนอแนะ ระหว่างบุคคล หรือหน่วยงาน ภายในระบบการจัดการสิ่งแวดล้อมและอาชีวอนามัยและความปลอดภัยขององค์กร กับบุคคล หรือหน่วยงานภายนอก รวมทั้ง การตีพิมพ์ในวารสาร หรือสิ่งพิมพ์อื่นๆ
- **ข้อร้องเรียนด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัย** หมายถึง ข้อมูลที่เป็นความคิดเห็นเกี่ยวกับปัญหา หรือผลกระทบด้านสิ่งแวดล้อมและความปลอดภัยในเชิงลบ

4. **เอกสารอ้างอิง**

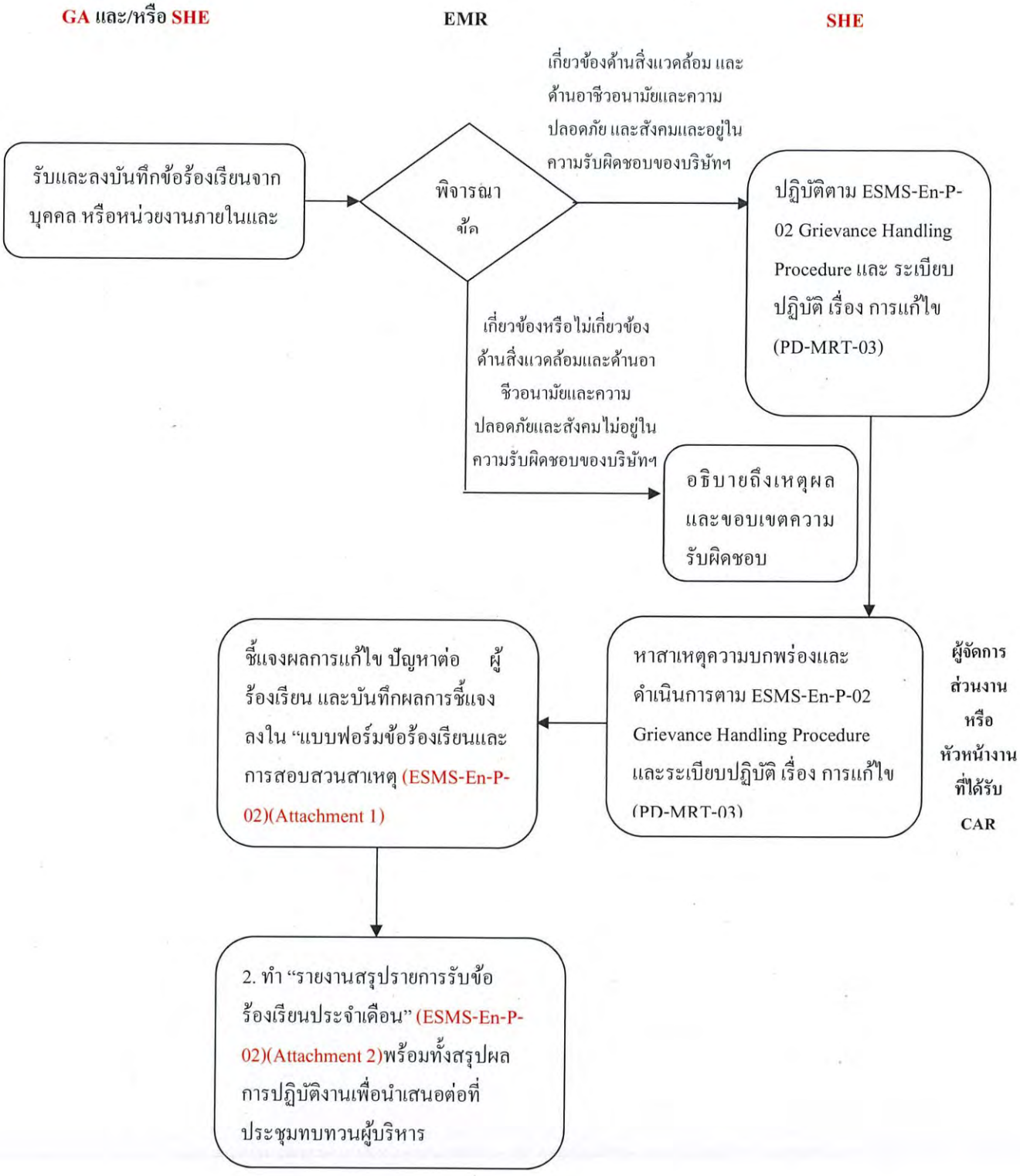
PD-MRT-03	ระเบียบปฏิบัติ เรื่องการแก้ไข
ESMS-En-P-02	Grievance Handling Procedure
ESMS-Sa-P-07	Plant Security
PD-EHS-09	การควบคุมผู้รับเหมา-ผู้มาติดต่อ

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

5. แผนผังกระบวนการ

<u>การรับข้อร้องเรียน</u>

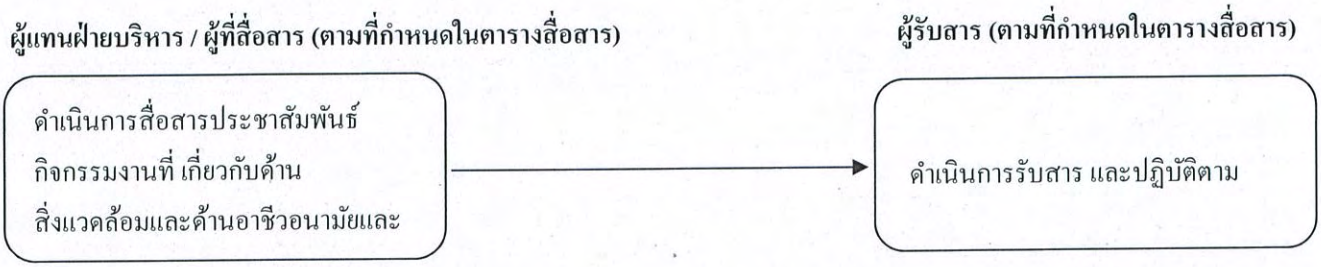


“เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น”

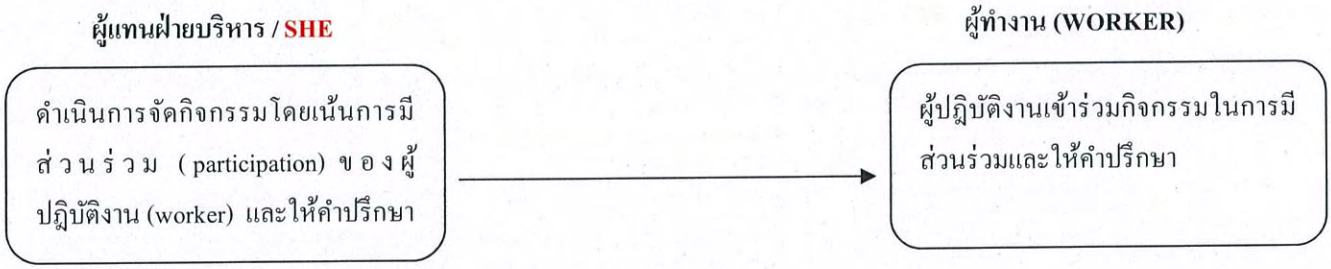
<u>“หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม”</u>

5. แผนผังกระบวนการ

<u>การสื่อสาร</u>



<u>การมีส่วนร่วมให้คำปรึกษาด้านอาชีวอนามัยและความปลอดภัย</u>



"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

<u>"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"</u>

6. ขั้นตอนการปฏิบัติการ

รายละเอียด	ผู้รับผิดชอบ	เอกสารที่เกี่ยวข้อง
1. การรับข้อร้องเรียนด้านสิ่งแวดล้อม ด้านอาชีวอนามัยและความปลอดภัย และสังคม ● ส่วนงาน GA และ/หรือ SHE รับแจ้งและบันทึกข้อร้องเรียนจากบุคคล หรือหน่วยงานภายใน และหน่วยงานภายนอก โดยใช้ "แบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุ" ● พิจารณาข้อร้องเรียนดังกล่าวว่า เป็นข้อร้องเรียนด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัยและสังคม หรือไม่ ○ กรณีที่เป็น ให้รายงานต่อผู้แทนฝ่ายบริหาร (EMR) เพื่อพิจารณาข้อร้องเรียน และปฏิบัติตาม Standard Environmental Procedure การรับเรื่องร้องเรียน (ESMS-En-P-02 Grievance Handling Procedure) และ ระเบียบปฏิบัติ เรื่อง การแก้ไข (PD-MRT-03) ○ กรณีที่ไม่อยู่ในความรับผิดชอบ ให้ฝ่าย GA และ/หรือ SHE อธิบายถึงเหตุผลและขอบเขตความรับผิดชอบ	GA/SHE/EMR	- ESMS-En-P-02 Grievance Handling Procedure Attachment_1 Compliant receipt and Investigation Form - ระเบียบปฏิบัติการแก้ไข PD-MRT-03
2. การดำเนินการหาสาเหตุ และทำการแก้ไขและป้องกัน ● ผู้จัดการส่วนงานหรือหัวหน้างานที่ได้รับ CAR พิจารณาข้อร้องเรียนที่ได้รับเพื่อหาสาเหตุและดำเนินการตาม Standard Environmental Procedure การรับเรื่องร้องเรียน (ESMS-En-P-02 Grievance Handling Procedure) และระเบียบปฏิบัติ เรื่อง การแก้ไข (PD-MRT-03) ● ผู้แทนฝ่ายบริหารหรือผู้ที่ได้รับมอบหมาย ชี้แจงผลการแก้ไข ปัญหาต่อ ผู้ร้องเรียน และบันทึกผลการชี้แจงลงใน "แบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุ"	ผู้แทนฝ่ายบริหาร / ผู้จัดการส่วนงาน/ หัวหน้างาน	- ESMS-En-P-02 Grievance Handling Procedure - PD-MRT-03 ระเบียบปฏิบัติ เรื่อง การแก้ไข - ESMS-En-P-02 Grievance Handling Procedure Attachment_1 Compliant receipt and Investigation Form

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

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รายละเอียด	ผู้รับผิดชอบ	เอกสารที่เกี่ยวข้อง
• ผู้จัดการส่วนงานหรือหัวหน้างาน ส่ง "แบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุ" ที่บันทึกผลการชี้แจ้งเรียบร้อยแล้ว ให้ผู้แทนฝ่ายบริหารทำ "รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน" พร้อมทั้งสรุปผลการปฏิบัติงานเพื่อนำเสนอต่อที่ประชุมทบทวนผู้บริหาร		- ESMS-En-P-02 Grievance Handling Procedure Attachment_2 Monthly Summary Record of Complaint Receipt
3. การสื่อสารด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัย • ผู้แทนฝ่ายบริหาร (MRT) ทำหน้าที่ในการสื่อสารประชาสัมพันธ์กิจกรรมงานที่ เกี่ยวกับด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัยตามตารางการสื่อสาร • กรณีที่มีผู้เข้ามาติดต่อให้ทำการสื่อสารข้อมูลด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัย โดยใช้ใบอนุญาตผ่านเข้า-ออกบริษัท	ทุกแผนกที่เกี่ยวข้อง	- Plant Security ESMS-Sa-P-07 - การควบคุมผู้รับเหมา-ผู้มาติดต่อ PD-EHS-09
4. การมีส่วนร่วมด้านอาชีวอนามัยและความปลอดภัย เน้นการมีส่วนร่วม (participation) ของผู้ทำงาน (worker) ที่ไม่ใช่งานบริหาร ดังนี้ • การพิจารณากลไกสำหรับการมีส่วนร่วม (participation) และการปรึกษา (consultation) • การบ่งชี้อันตรายและการประเมินความเสี่ยงและ โอกาสด้านความปลอดภัย • พิจารณากิจกรรมในการกำจัดอันตรายและลดความเสี่ยงด้านความปลอดภัย • พิจารณาข้อกำหนดความความสามารถ การอบรมที่จำเป็น การอบรม และการประเมินการอบรม • การพิจารณาว่าอะไรที่ต้องมีการสื่อสารและวิธีที่สื่อสาร • การพิจารณามาตรการควบคุมและการนำไปปฏิบัติใช้อย่างมีประสิทธิผล • การสอบสวนอุบัติการณ์และสิ่งที่ไม่เป็นไปตามข้อกำหนด และการกำหนดการแก้ไข	SHE	-

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"
"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

รายละเอียด	ผู้รับผิดชอบ	เอกสารที่เกี่ยวข้อง
5. การให้คำปรึกษาและการมีส่วนร่วมด้านอาชีวอนามัยและความปลอดภัย เน้นการให้คำปรึกษาของผู้ทำงาน (WORKER) ที่ไม่ใช่งานบริหาร ดังนี้ • การพิจารณาความจำเป็นและความคาดหวังของผู้มีส่วนได้ส่วนเสีย • การจัดทำนโยบายด้านความปลอดภัย • การมอบหมายบทบาท ความรับผิดชอบ และอำนาจหน้าที่ในการนำไปใช้ • การพิจารณาวิธีบรรลุข้อกำหนดกฎหมายและข้อกำหนดอื่นๆ • การจัดทำวัตถุประสงค์ด้านความปลอดภัยและแผนในการบรรลุ • การกำหนดมาตรการควบคุมที่นำไปใช้ได้สำหรับผู้ส่งมอบภายนอก การจัดซื้อจัดจ้าง และผู้รับเหมาและ OUTSOURCE • การกำหนดสิ่งที่จำเป็นต้องเฝ้าระวังติดตาม การวัด และประเมินผล • การวางแผน การจัดทำ การนำไปปฏิบัติ และธำรงรักษาโปรแกรมการตรวจติดตาม • มั่นใจการปรับปรุงอย่างต่อเนื่อง	SHE	-

ตารางการสื่อสารด้านคุณภาพ สิ่งแวดล้อมและความปลอดภัย

เรื่อง	ภายใน			ภายนอก		
	สื่อ	ผู้สื่อสาร	ผู้รับสาร	สื่อ	ผู้สื่อสาร	ผู้รับสาร
นโยบายคุณภาพ สิ่งแวดล้อม ความปลอดภัยและสังคม และนโยบายการจัดการด้านอื่นๆ	การประกาศ บอร์ดการประชุม อิเล็กทรอนิกส์เมล์	ผู้จัดการโรงไฟฟ้า/MRT	พนักงาน	จดหมาย/ อิเล็กทรอนิกส์เมล์	ผู้จัดการโรงไฟฟ้า / MRT/SHE	ลูกค้า / ผู้ที่เกี่ยวข้อง
วัตถุประสงค์เป้าหมายทางด้านคุณภาพ ด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัย	การประกาศ บอร์ดการประชุม อิเล็กทรอนิกส์เมล์	ผู้จัดการโรงไฟฟ้า/MRT	พนักงาน	ไม่สื่อสาร		
คู่มือหรือระเบียบการปฏิบัติงานด้านคุณภาพ ด้านสิ่งแวดล้อมและด้านอาชีวอนามัยและความปลอดภัย	อิเล็กทรอนิกส์เมล์	SHE	พนักงาน	สื่อการสอน	SHE	ผู้ที่เกี่ยวข้อง

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

ประเด็นด้าน สิ่งแวดล้อมและความปลอดภัย	อิเล็กทรอนิกส์เมล์	GA/SHE	พนักงาน	ไม่สื่อสาร		
กฎหมาย ข้อกำหนด หรือข่าวสารด้านสิ่งแวดล้อมและความปลอดภัย	การประกาศ บอร์ด การประชุม อิเล็กทรอนิกส์เมล์	GA/SHE	พนักงาน	การอบรม	SHE	ผู้ที่เกี่ยวข้อง
การรับแจ้งและส่งออก หนังสือ เอกสารจากหน่วยงานภายนอก	อิเล็กทรอนิกส์เมล์ จดหมาย	DCC/GA	พนักงานที่เกี่ยวข้อง	อิเล็กทรอนิกส์เมล์ จดหมาย	SHE, OPT, MTN , GA	ผู้ที่เกี่ยวข้อง
การรับข้อร้องเรียน	โดยวาจา อิเล็กทรอนิกส์เมล์ จดหมาย โทรศัพท์	GA/SHE	พนักงาน	โดยวาจา จดหมาย โทรศัพท์ อิเล็กทรอนิกส์เมล์	GA/SHE	ผู้ที่เกี่ยวข้อง

ตารางการสื่อสารกับผู้รับเหมาหรือผู้ที่เข้ามาติดต่อ

เรื่อง	การสื่อสาร		
	สื่อ	ผู้สื่อสาร	ผู้รับสาร
นโยบายคุณภาพ สิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย	บอร์ด การอบรม	ผู้จัดการโรงไฟฟ้า / MRT / SHE	ผู้รับเหมา /ผู้ที่เกี่ยวข้อง / ลูกค้า/ผู้มาติดต่อ
การสวมใส่อุปกรณ์ PPE,กฎระเบียบ,การทิ้งขยะ,เส้นทางอพยพ,จุดรวมพล,จุดสูบบุหรี่	บอร์ด การอบรม	EHS	ผู้รับเหมา /ผู้ที่เกี่ยวข้อง / ลูกค้า//ผู้มาติดต่อ

7. บันทึก

ไม่มี

"เอกสารนี้เป็นเอกสารใช้ภายในหน่วยงานของบริษัท กัลฟ์ บีแอล จำกัด เท่านั้น"

"หากมีการพิมพ์เอกสารจะถือว่าเอกสารนั้นเป็นเอกสารไม่ควบคุม"

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน มกราคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน กุมภาพันธ์ 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

GULF **รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน** (Monthly Summary Record of Complaint Receipt)

ประจำเดือน มีนาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน เมษายน 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน พฤษภาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

GULF **รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน** (Monthly Summary Record of Complaint Receipt)

ประจำเดือน มิถุนายน 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน กรกฎาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน สิงหาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน (Monthly Summary Record of Complaint Receipt)

ประจำเดือน กันยายน 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

GULF **รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน** (Monthly Summary Record of Complaint Receipt)

ประจำเดือน ตุลาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

GULF **รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน** (Monthly Summary Record of Complaint Receipt)

ประจำเดือน พฤศจิกายน 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

GULF **รายงานสรุปรายการรับข้อร้องเรียนประจำเดือน** (Monthly Summary Record of Complaint Receipt)

ประจำเดือน ธันวาคม 2566 โรงไฟฟ้า บ้านเลน .

วัน/เดือน/ปี ที่รับแจ้ง	รายการข้อร้องเรียน	วัน/เดือน/ปี ที่แก้ไข, ผลการดำเนินการ	หมายเหตุ
-	ไม่มีข้อร้องเรียน	-	-

* การนำส่งรายงานสรุปรายการข้อร้องเรียนประจำเดือนต้องแนบสำเนาแบบฟอร์มข้อร้องเรียนและการสอบสวนสาเหตุด้วย

ภาคผนวก ข-4

ผลการตรวจสอบความถูกต้องของ CEMs

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/07/2023 00:00	14.7	334102.3	36.48	1.52	5.38	0.63
01/07/2023 01:00	14.7	333325.8	35.89	1.77	5.50	0.60
01/07/2023 02:00	14.6	331263.5	35.47	1.73	7.29	0.58
01/07/2023 03:00	14.6	327733.6	35.52	1.77	5.80	0.62
01/07/2023 04:00	14.6	323418.6	36.16	1.88	5.43	0.51
01/07/2023 05:00	14.6	319075.1	35.75	1.89	6.56	0.57
01/07/2023 06:00	14.6	316600.4	35.83	1.90	5.69	0.60
01/07/2023 07:00	14.6	326049.7	36.22	2.04	6.50	0.60
01/07/2023 08:00	14.7	332944.6	36.57	1.88	5.73	0.58
01/07/2023 09:00	14.7	307443.0	37.65	1.93	5.76	0.56
01/07/2023 10:00	14.8	343983.9	38.72	1.93	5.76	0.80
01/07/2023 11:00	14.8	336838.6	38.97	1.82	5.23	1.09
01/07/2023 12:00	14.8	336320.9	39.25	1.54	5.04	1.11
01/07/2023 13:00	14.8	340112.6	40.88	1.41	5.05	0.93
01/07/2023 14:00	14.8	343582.8	42.78	1.31	5.11	1.03
01/07/2023 15:00	14.7	342135.0	40.71	1.48	4.72	0.61
01/07/2023 16:00	14.7	338332.0	40.23	1.43	5.56	0.49
01/07/2023 17:00	14.7	331698.7	39.00	1.41	5.36	0.49
01/07/2023 18:00	14.7	330976.3	37.80	1.60	5.48	0.53
01/07/2023 19:00	14.7	332643.1	37.53	1.65	5.77	0.58
01/07/2023 20:00	14.7	333567.5	37.81	1.54	5.61	0.49
01/07/2023 21:00	14.7	353524.2	42.55	1.65	5.82	0.49
01/07/2023 22:00	14.7	353763.1	41.66	1.69	6.28	0.49
01/07/2023 23:00	14.6	317486.3	35.30	1.66	6.02	0.49
02/07/2023 00:00	14.6	324980.2	35.26	1.69	6.28	0.49
02/07/2023 01:00	14.6	325310.1	35.88	1.75	6.88	0.51
02/07/2023 02:00	14.6	324636.0	35.60	1.88	7.60	0.53
02/07/2023 03:00	14.6	321248.3	34.74	1.87	7.62	0.53
02/07/2023 04:00	14.6	321359.2	34.32	1.74	7.29	0.53
02/07/2023 05:00	14.6	316714.2	33.95	1.87	6.70	0.59
02/07/2023 06:00	14.6	311747.8	33.64	1.88	5.75	0.62
02/07/2023 07:00	14.7	309199.2	33.61	1.81	5.43	0.60
02/07/2023 08:00	14.8	306056.1	34.69	1.76	5.27	0.81
02/07/2023 09:00	14.7	303954.0	37.07	1.69	5.13	1.03
02/07/2023 10:00	14.7	303513.1	38.01	1.67	4.84	0.90
02/07/2023 11:00	14.7	304869.9	37.98	1.58	4.89	1.10
02/07/2023 12:00	14.7	301473.7	37.99	1.30	4.74	1.14
02/07/2023 13:00	14.7	302659.8	38.61	1.21	4.90	1.07
02/07/2023 14:00	14.7	304892.7	38.34	1.28	4.82	1.19
02/07/2023 15:00	14.7	307597.8	37.70	1.07	4.74	0.92
02/07/2023 16:00	14.6	303015.3	37.07	1.18	5.24	0.39
02/07/2023 17:00	14.6	291726.6	37.32	1.28	5.84	0.84
02/07/2023 18:00	14.7	306087.8	37.72	1.37	5.57	1.21
02/07/2023 19:00	14.7	327730.7	41.03	1.54	5.43	0.47
02/07/2023 20:00	14.7	327722.2	40.78	1.63	5.65	0.47
02/07/2023 21:00	14.7	329255.3	39.96	1.63	5.49	0.45
02/07/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/07/2023 10:00	14.9	352178.7	45.09	1.78	5.59	1.55
03/07/2023 11:00	14.9	350164.9	45.91	1.61	5.34	1.20
03/07/2023 12:00	14.8	347895.0	45.16	1.67	5.31	1.33
03/07/2023 13:00	14.8	349658.6	45.04	1.46	5.56	1.23
03/07/2023 14:00	14.8	351200.3	45.38	1.26	5.37	0.98
03/07/2023 15:00	14.8	351473.3	45.33	1.30	5.46	0.91
03/07/2023 16:00	14.8	350972.7	44.82	1.27	5.23	1.16

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/07/2023 17:00	14.8	346549.6	43.65	1.48	5.41	1.20
03/07/2023 18:00	14.8	342265.8	41.56	1.36	5.25	0.97
03/07/2023 19:00	14.8	341998.5	40.71	1.40	5.29	0.86
03/07/2023 20:00	14.7	343124.9	40.66	1.60	5.39	0.86
03/07/2023 21:00	14.8	344109.0	41.04	1.61	5.34	0.97
03/07/2023 22:00	14.8	347320.4	41.47	1.72	5.46	0.86
03/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/07/2023 09:00	14.9	292497.8	43.68	1.89	6.12	0.44
04/07/2023 10:00	14.9	357034.2	43.32	1.71	5.84	0.74
04/07/2023 11:00	14.9	357287.3	44.03	1.48	5.53	0.67
04/07/2023 12:00	14.8	352232.8	41.50	1.47	5.33	0.34
04/07/2023 13:00	14.8	351567.2	41.52	1.73	5.79	0.41
04/07/2023 14:00	14.8	354169.8	41.15	1.42	5.73	0.41
04/07/2023 15:00	14.8	352901.2	40.47	1.49	5.65	0.39
04/07/2023 16:00	14.8	353925.2	40.13	1.52	5.69	0.39
04/07/2023 17:00	14.7	349246.1	39.46	1.50	5.92	0.36
04/07/2023 18:00	14.6	340587.6	38.71	1.66	7.55	0.24
04/07/2023 19:00	14.6	342482.0	38.15	1.68	8.51	0.44
04/07/2023 20:00	14.7	344549.9	37.87	1.85	7.54	0.51
04/07/2023 21:00	14.7	344655.2	37.62	1.83	7.32	0.40
04/07/2023 22:00	14.7	348435.4	38.28	1.85	8.38	0.42
04/07/2023 23:00	14.7	337215.1	39.42	1.83	8.81	0.65
05/07/2023 00:00	14.7	362598.8	40.24	2.04	8.31	0.49
05/07/2023 01:00	14.7	362316.3	40.33	2.02	6.71	0.49
05/07/2023 02:00	14.7	363104.3	40.96	2.00	6.11	0.61
05/07/2023 03:00	14.7	363294.8	41.34	2.09	5.67	0.52
05/07/2023 04:00	14.7	361918.1	41.07	2.16	5.88	0.52
05/07/2023 05:00	14.7	362108.7	40.69	2.13	6.09	0.56
05/07/2023 06:00	14.7	361909.6	40.71	2.13	6.94	0.74
05/07/2023 07:00	14.7	361500.0	41.41	2.14	6.87	0.61
05/07/2023 08:00	14.7	344094.8	41.36	2.13	6.18	0.58
05/07/2023 09:00	14.7	329680.5	41.47	2.03	5.64	0.86
05/07/2023 10:00	14.8	350702.5	41.22	1.82	5.75	0.75
05/07/2023 11:00	14.8	349997.0	41.27	1.73	5.15	0.80
05/07/2023 12:00	14.8	349971.4	40.99	1.55	5.04	0.50
05/07/2023 13:00	14.8	355228.0	41.97	1.59	5.18	0.32
05/07/2023 14:00	14.8	356855.0	42.94	1.60	5.74	0.34
05/07/2023 15:00	14.7	353851.3	42.20	1.49	5.75	0.34
05/07/2023 16:00	14.7	351137.7	41.12	1.51	5.71	0.34
05/07/2023 17:00	14.8	347090.0	40.55	1.54	5.56	0.36
05/07/2023 18:00	14.7	343244.3	39.65	1.39	5.40	0.36
05/07/2023 19:00	14.7	343130.6	39.24	1.57	5.57	0.38
05/07/2023 20:00	14.7	345363.4	40.02	1.72	5.85	0.42
05/07/2023 21:00	14.7	344439.0	40.22	1.70	5.44	0.40
05/07/2023 22:00	14.7	347795.4	40.22	1.73	5.64	0.45
05/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/07/2023 09:00	15.0	284961.2	44.74	2.15	5.64	1.71

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/07/2023 10:00	14.8	350071.0	43.78	1.81	5.20	1.35
06/07/2023 11:00	14.8	345756.0	44.26	1.81	5.01	0.94
06/07/2023 12:00	14.8	343838.8	43.66	1.55	5.15	0.89
06/07/2023 13:00	14.9	347451.3	45.19	1.33	5.12	0.46
06/07/2023 14:00	14.9	350315.6	44.94	1.24	5.55	0.85
06/07/2023 15:00	14.9	350324.2	44.56	1.18	5.46	0.48
06/07/2023 16:00	14.9	349775.2	44.73	1.16	5.44	0.46
06/07/2023 17:00	14.9	346688.9	43.69	1.25	5.60	0.76
06/07/2023 18:00	14.8	342544.6	42.66	1.21	5.24	0.69
06/07/2023 19:00	14.8	342621.4	42.31	1.30	5.23	0.48
06/07/2023 20:00	14.8	343995.3	41.50	1.45	5.33	0.98
06/07/2023 21:00	14.7	341236.2	40.62	1.33	5.54	0.97
06/07/2023 22:00	14.7	345812.9	39.83	1.49	5.74	0.86
06/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/07/2023 10:00	14.9	354479.9	43.73	1.66	4.89	0.65
07/07/2023 11:00	14.9	352687.9	43.82	1.66	5.12	0.85
07/07/2023 12:00	14.8	351058.0	43.39	1.49	5.06	0.62
07/07/2023 13:00	14.8	352631.0	46.02	1.14	5.24	0.62
07/07/2023 14:00	14.8	353663.5	46.83	1.18	5.15	0.68
07/07/2023 15:00	14.8	353396.2	46.41	1.16	5.14	0.50
07/07/2023 16:00	14.8	353154.4	46.62	1.14	5.26	0.69
07/07/2023 17:00	14.8	351373.8	43.74	1.14	5.45	0.78
07/07/2023 18:00	14.9	347166.8	44.54	1.18	5.37	0.53
07/07/2023 19:00	14.8	349382.6	41.22	1.21	5.18	0.50
07/07/2023 20:00	14.8	351854.5	40.53	1.28	5.62	0.98
07/07/2023 21:00	14.8	348717.0	39.33	1.20	5.31	1.20
07/07/2023 22:00	14.7	350858.9	38.76	1.39	5.55	0.94
07/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/07/2023 10:00	14.8	352426.2	40.44	1.53	5.66	0.34
08/07/2023 11:00	14.8	352995.1	41.15	1.44	5.66	0.37
08/07/2023 12:00	14.7	350568.8	40.75	1.33	5.32	0.77
08/07/2023 13:00	14.7	348077.0	38.88	1.43	5.65	1.08
08/07/2023 14:00	14.7	354078.8	41.00	1.24	5.32	0.56
08/07/2023 15:00	14.7	353316.5	40.26	1.28	5.56	0.38
08/07/2023 16:00	14.8	351646.8	39.75	1.20	5.62	0.41
08/07/2023 17:00	14.8	346125.8	39.73	1.34	5.46	0.39
08/07/2023 18:00	14.7	341489.3	39.06	1.31	5.46	0.43
08/07/2023 19:00	14.7	344302.5	39.49	1.26	5.65	0.83
08/07/2023 20:00	14.7	344089.1	38.23	1.37	5.45	1.12
08/07/2023 21:00	14.7	343545.8	37.77	1.47	5.48	0.76
08/07/2023 22:00	14.7	345986.4	38.06	1.43	5.48	0.60
08/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 18:00	14.6	312096.7	37.87	1.46	6.09	0.22
09/07/2023 19:00	14.6	335359.5	39.17	1.58	6.24	0.31
09/07/2023 20:00	14.7	336551.3	38.90	1.53	6.89	0.31
09/07/2023 21:00	14.6	336542.8	38.08	1.67	7.99	0.33
09/07/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/07/2023 10:00	14.8	352821.6	41.63	1.57	5.91	0.32
10/07/2023 11:00	14.7	349266.0	40.51	1.59	6.24	0.45
10/07/2023 12:00	14.7	344154.6	40.10	1.55	5.60	0.61
10/07/2023 13:00	14.7	350088.1	41.75	1.29	5.84	0.83
10/07/2023 14:00	14.7	350264.4	41.61	1.24	5.77	0.81
10/07/2023 15:00	14.8	349237.6	41.59	1.13	5.76	0.57
10/07/2023 16:00	14.8	348597.6	42.40	1.18	5.38	0.30
10/07/2023 17:00	14.7	344299.6	40.50	1.15	5.60	0.29
10/07/2023 18:00	14.7	339614.8	38.55	1.25	5.83	0.29
10/07/2023 19:00	14.7	340465.3	38.67	1.32	6.02	0.33
10/07/2023 20:00	14.7	340889.1	38.69	1.41	6.14	0.36
10/07/2023 21:00	14.7	341412.5	39.97	1.46	5.77	0.47
10/07/2023 22:00	14.7	343722.2	39.57	1.44	5.64	0.47
10/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/07/2023 10:00	14.8	351535.9	41.25	1.61	5.86	0.68
11/07/2023 11:00	14.8	348415.5	42.96	1.60	5.41	0.87
11/07/2023 12:00	14.8	346774.3	42.95	1.27	5.32	0.98
11/07/2023 13:00	14.8	348736.9	43.24	1.13	5.36	1.08
11/07/2023 14:00	14.7	350463.5	44.13	1.06	5.10	0.47
11/07/2023 15:00	14.7	351060.9	42.84	1.08	5.60	0.38
11/07/2023 16:00	14.7	348096.9	38.90	1.14	5.53	0.31
11/07/2023 17:00	14.7	344865.7	39.47	1.03	5.65	0.31
11/07/2023 18:00	14.7	340274.7	39.36	1.17	5.66	0.27
11/07/2023 19:00	14.7	341500.7	39.46	1.35	5.94	0.43

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
11/07/2023 20:00	14.7	340764.0	39.83	1.41	5.98	0.22
11/07/2023 21:00	14.7	340789.6	40.00	1.39	5.97	0.22
11/07/2023 22:00	14.7	341904.6	39.49	1.54	6.74	0.29
11/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/07/2023 10:00	14.8	354004.9	42.20	1.60	5.23	1.32
12/07/2023 11:00	14.8	351331.1	43.96	1.42	5.14	0.80
12/07/2023 12:00	14.8	349382.6	43.25	1.30	5.21	0.80
12/07/2023 13:00	14.8	350716.7	44.82	1.13	5.33	0.59
12/07/2023 14:00	14.7	350648.4	45.42	1.17	5.28	0.61
12/07/2023 15:00	14.7	350824.8	45.24	0.99	5.38	0.97
12/07/2023 16:00	14.7	350457.8	42.53	0.87	5.40	1.08
12/07/2023 17:00	14.6	345414.6	36.32	1.02	5.18	0.82
12/07/2023 18:00	14.7	346876.7	40.75	1.08	5.05	0.61
12/07/2023 19:00	14.7	346080.3	40.48	1.11	5.05	0.27
12/07/2023 20:00	14.8	346521.1	40.77	1.16	5.46	0.43
12/07/2023 21:00	14.7	346211.1	38.28	1.10	5.52	0.45
12/07/2023 22:00	14.7	348802.4	38.33	1.26	5.87	0.47
12/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/07/2023 10:00	14.8	350964.2	44.14	1.55	5.25	1.23
13/07/2023 11:00	14.8	349101.0	45.41	1.34	5.26	0.75
13/07/2023 12:00	14.8	347041.7	44.67	1.43	5.12	0.63
13/07/2023 13:00	14.7	346088.8	45.77	1.12	5.26	0.67
13/07/2023 14:00	14.7	346481.3	45.84	1.05	5.35	0.83
13/07/2023 15:00	14.7	345576.8	46.06	0.94	5.46	0.85
13/07/2023 16:00	14.7	345414.6	46.18	0.90	5.44	0.97
13/07/2023 17:00	14.7	345795.8	45.85	1.06	5.41	1.04
13/07/2023 18:00	14.8	344345.1	42.99	1.09	5.33	0.91
13/07/2023 19:00	14.7	341736.8	41.09	1.08	5.29	0.54
13/07/2023 20:00	14.7	340741.2	40.58	1.10	5.43	0.85
13/07/2023 21:00	14.7	340837.9	39.06	1.23	5.45	0.85
13/07/2023 22:00	14.7	344120.4	39.14	1.30	5.58	0.96
13/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/07/2023 10:00	14.7	355034.6	41.75	1.42	5.53	0.97
14/07/2023 11:00	14.8	353037.8	43.81	1.25	5.31	0.61
14/07/2023 12:00	14.7	349778.0	43.12	1.33	5.28	0.74

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/07/2023 13:00	14.6	353472.9	40.55	1.18	5.24	0.58
14/07/2023 14:00	14.6	353407.5	37.90	0.95	5.30	0.64
14/07/2023 15:00	14.6	349780.9	37.27	1.06	5.40	0.75
14/07/2023 16:00	14.6	350537.5	40.10	0.95	5.48	0.87
14/07/2023 17:00	14.7	348896.3	42.11	1.11	5.35	0.99
14/07/2023 18:00	14.7	345858.4	41.07	1.21	5.26	0.92
14/07/2023 19:00	14.7	345582.5	41.43	1.22	5.43	0.92
14/07/2023 20:00	14.8	346669.0	42.65	1.24	5.45	0.79
14/07/2023 21:00	14.8	347752.8	44.04	1.32	5.53	0.79
14/07/2023 22:00	14.8	350329.8	47.02	1.37	5.64	0.75
14/07/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/07/2023 10:00	14.8	349937.3	43.85	1.61	5.49	0.91
15/07/2023 11:00	14.8	348586.2	44.60	1.25	5.35	0.70
15/07/2023 12:00	14.7	346908.0	44.16	1.33	5.30	0.77
15/07/2023 13:00	14.7	348128.3	44.16	1.06	5.50	0.74
15/07/2023 14:00	14.6	350258.7	41.77	1.09	5.33	0.75
15/07/2023 15:00	14.6	346029.0	37.21	1.03	5.26	0.75
15/07/2023 16:00	14.6	344828.7	36.60	0.88	5.30	0.59
15/07/2023 17:00	14.6	340047.2	37.81	1.02	5.19	0.69
15/07/2023 18:00	14.7	339142.6	40.80	1.10	5.22	0.87
15/07/2023 19:00	14.7	340200.8	40.04	1.19	5.26	0.87
15/07/2023 20:00	14.7	341213.4	41.66	1.37	5.35	0.83
15/07/2023 21:00	14.7	341361.3	41.99	1.17	5.42	0.93
15/07/2023 22:00	14.7	344447.5	42.29	1.40	5.51	0.90
15/07/2023 23:00	14.7	333066.9	43.73	1.30	5.43	0.85
16/07/2023 00:00	14.7	357307.3	46.58	1.39	5.53	0.85
16/07/2023 01:00	14.7	357210.6	45.87	1.63	5.51	0.87
16/07/2023 02:00	14.7	357625.8	45.02	1.49	5.50	0.85
16/07/2023 03:00	14.7	357807.9	44.72	1.65	5.45	0.78
16/07/2023 04:00	14.7	357620.2	44.72	1.67	5.54	0.69
16/07/2023 05:00	14.7	357315.8	44.89	1.74	5.46	0.65
16/07/2023 06:00	14.7	357952.9	44.21	1.88	5.42	0.25
16/07/2023 07:00	14.7	358092.3	43.81	1.66	5.67	0.31
16/07/2023 08:00	14.7	356889.1	45.19	1.63	5.54	0.67
16/07/2023 09:00	14.7	357822.1	41.52	1.58	5.35	0.71
16/07/2023 10:00	14.7	357600.3	41.97	1.47	5.37	0.69
16/07/2023 11:00	14.7	357244.7	42.41	1.45	5.45	0.67
16/07/2023 12:00	14.6	358274.4	39.62	1.15	5.33	0.33
16/07/2023 13:00	14.6	358635.6	40.16	1.26	5.14	0.20
16/07/2023 14:00	14.6	358174.8	39.92	1.15	5.40	0.35
16/07/2023 15:00	14.6	359122.0	40.13	1.17	5.41	0.51
16/07/2023 16:00	14.6	358885.9	40.05	1.15	5.40	0.48
16/07/2023 17:00	14.5	279173.3	38.32	1.18	4.82	0.74
16/07/2023 18:00	14.7	311613.2	37.74	1.33	5.16	0.87
16/07/2023 19:00	14.7	336107.6	38.61	1.56	5.20	0.73
16/07/2023 20:00	14.7	338414.5	39.63	1.32	5.27	0.80
16/07/2023 21:00	14.7	338570.9	40.78	1.50	5.33	0.78
16/07/2023 22:00	14.7	320258.2	40.01	1.42	5.25	0.82
16/07/2023 23:00	14.6	322821.2	38.18	1.51	5.14	0.82
17/07/2023 00:00	14.6	321874.0	38.50	1.75	5.10	0.88
17/07/2023 01:00	14.6	321256.4	38.24	1.61	5.10	0.82
17/07/2023 02:00	14.6	320022.3	37.65	1.65	5.06	0.84
17/07/2023 03:00	14.6	317510.6	36.99	1.84	5.11	0.96
17/07/2023 04:00	14.6	315883.6	36.60	1.84	5.19	0.92
17/07/2023 05:00	14.6	315155.4	36.34	1.84	5.25	0.96

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/07/2023 06:00	14.6	317755.3	36.36	1.80	5.20	0.94
17/07/2023 07:00	14.6	331889.3	38.02	1.84	5.23	1.00
17/07/2023 08:00	14.7	341039.9	40.05	1.92	5.61	0.91
17/07/2023 09:00	14.6	307481.2	41.14	1.69	5.48	0.93
17/07/2023 10:00	14.7	353711.9	43.07	1.71	5.68	0.56
17/07/2023 11:00	14.7	351151.9	43.25	1.48	5.55	0.47
17/07/2023 12:00	14.7	350688.3	43.24	1.50	5.35	0.56
17/07/2023 13:00	14.7	350984.1	44.80	1.38	5.52	0.42
17/07/2023 14:00	14.6	349405.4	43.62	1.30	5.44	0.42
17/07/2023 15:00	14.5	348742.6	38.14	1.09	5.40	0.39
17/07/2023 16:00	14.6	350247.3	38.37	1.07	5.30	0.48
17/07/2023 17:00	14.6	345952.3	38.37	1.16	5.35	0.42
17/07/2023 18:00	14.7	346518.3	42.86	1.36	5.29	0.27
17/07/2023 19:00	14.7	344137.5	41.95	1.38	5.35	0.65
17/07/2023 20:00	14.7	344436.2	42.42	1.41	5.43	0.45
17/07/2023 21:00	14.7	344675.1	44.26	1.55	5.58	0.45
17/07/2023 22:00	14.7	347616.3	44.46	1.64	5.59	0.58
17/07/2023 23:00	14.7	328194.1	44.05	1.68	5.50	0.65
18/07/2023 00:00	14.7	336670.8	41.74	1.70	5.47	0.80
18/07/2023 01:00	14.7	337808.6	41.14	1.69	5.52	0.94
18/07/2023 02:00	14.6	336679.3	40.61	1.75	5.46	0.89
18/07/2023 03:00	14.6	334511.9	40.19	1.80	5.39	0.67
18/07/2023 04:00	14.6	334361.1	40.15	2.00	5.32	0.64
18/07/2023 05:00	14.6	327124.9	38.66	1.83	5.23	0.73
18/07/2023 06:00	14.6	328692.2	38.41	1.79	5.26	0.80
18/07/2023 07:00	14.6	335993.8	38.92	1.84	5.37	0.80
18/07/2023 08:00	14.7	342976.9	40.36	1.81	5.45	0.67
18/07/2023 09:00	14.6	314148.7	40.48	1.82	5.48	0.87
18/07/2023 10:00	14.7	352804.5	38.31	1.56	5.41	1.09
18/07/2023 11:00	14.7	351780.5	38.38	1.36	5.44	1.25
18/07/2023 12:00	14.6	351171.8	38.08	1.35	5.44	1.35
18/07/2023 13:00	14.6	351063.7	38.96	1.30	5.52	1.50
18/07/2023 14:00	14.6	351763.4	39.86	1.26	5.51	1.39
18/07/2023 15:00	14.7	351467.6	44.37	1.11	5.60	0.47
18/07/2023 16:00	14.6	351880.1	45.23	1.13	5.46	0.53
18/07/2023 17:00	14.7	348771.1	43.51	1.27	5.45	0.54
18/07/2023 18:00	14.7	345209.8	42.53	1.27	5.48	0.47
18/07/2023 19:00	14.7	344072.1	43.15	1.50	5.48	0.47
18/07/2023 20:00	14.7	343946.9	42.77	1.34	5.48	0.54
18/07/2023 21:00	14.7	345801.5	42.93	1.46	5.45	0.54
18/07/2023 22:00	14.7	348313.1	43.22	1.59	5.52	0.52
18/07/2023 23:00	14.7	331462.4	41.66	1.56	5.43	0.67
19/07/2023 00:00	14.7	338636.3	40.36	1.63	5.40	0.76
19/07/2023 01:00	14.7	338997.6	40.50	1.65	5.48	0.56
19/07/2023 02:00	14.7	337043.4	40.23	1.65	5.44	0.65
19/07/2023 03:00	14.7	335698.0	40.10	1.85	5.45	0.53
19/07/2023 04:00	14.6	334784.9	40.03	1.75	5.42	0.29
19/07/2023 05:00	14.6	329539.8	39.81	1.67	5.26	0.67
19/07/2023 06:00	14.6	329181.4	39.99	1.73	5.24	0.67
19/07/2023 07:00	14.7	338272.3	40.72	1.70	5.35	0.62
19/07/2023 08:00	14.7	345687.7	41.61	1.77	5.46	0.60
19/07/2023 09:00	14.7	336949.3	42.77	1.63	5.40	0.60
19/07/2023 10:00	14.7	351382.3	42.94	1.44	5.47	0.49
19/07/2023 11:00	14.7	350284.3	43.77	1.42	5.34	0.45
19/07/2023 12:00	14.7	349058.4	44.45	1.33	5.36	0.41
19/07/2023 13:00	14.7	351649.7	47.17	1.16	5.33	0.51
19/07/2023 14:00	14.7	351234.4	47.23	1.23	5.35	0.45
19/07/2023 15:00	14.7	351180.3	46.51	1.05	5.37	0.51
19/07/2023 16:00	14.7	352548.5	44.45	1.32	5.42	0.40
19/07/2023 17:00	14.7	347107.1	42.30	1.27	5.32	0.49
19/07/2023 18:00	14.7	342200.4	41.52	1.25	5.27	0.54
19/07/2023 19:00	14.7	342928.6	41.77	1.34	5.33	0.60
19/07/2023 20:00	14.7	345701.9	42.22	1.39	5.34	0.56
19/07/2023 21:00	14.7	346501.2	42.44	1.51	5.40	0.58
19/07/2023 22:00	14.7	346973.4	42.06	1.46	5.44	0.63

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
19/07/2023 23:00	14.7	328636.6	40.38	1.47	5.39	0.60
20/07/2023 00:00	14.7	337532.7	39.55	1.52	5.36	0.51
20/07/2023 01:00	14.7	338949.2	39.31	1.59	5.27	0.83
20/07/2023 02:00	14.7	337370.6	39.27	1.70	5.35	0.54
20/07/2023 03:00	14.7	336551.3	38.87	1.63	5.37	0.60
20/07/2023 04:00	14.7	334967.0	38.63	1.58	5.28	0.78
20/07/2023 05:00	14.6	327668.2	37.65	1.68	5.49	0.55
20/07/2023 06:00	14.6	328032.3	37.33	1.60	5.39	0.62
20/07/2023 07:00	14.7	336764.7	38.31	1.72	5.70	0.60
20/07/2023 08:00	14.7	337905.3	39.26	1.59	5.36	0.36
20/07/2023 09:00	14.7	306464.2	41.59	1.37	5.17	0.27
20/07/2023 10:00	14.8	352918.3	42.58	1.40	5.51	0.57
20/07/2023 11:00	14.8	350295.7	42.31	1.27	5.29	0.27
20/07/2023 12:00	14.8	348884.9	42.76	1.18	5.15	0.23
20/07/2023 13:00	14.7	350292.9	43.29	1.12	5.10	0.09
20/07/2023 14:00	14.6	355094.3	38.90	0.87	4.95	0.04
20/07/2023 15:00	14.6	354346.2	39.62	0.91	5.19	0.02
20/07/2023 16:00	14.6	348944.6	38.28	0.84	5.18	0.07
20/07/2023 17:00	14.7	345696.3	38.36	0.91	5.27	0.53
20/07/2023 18:00	14.7	342083.8	39.25	1.14	5.47	0.58
20/07/2023 19:00	14.7	341634.4	39.27	1.02	5.57	0.09
20/07/2023 20:00	14.7	342851.8	39.18	1.20	5.56	0.40
20/07/2023 21:00	14.7	343668.2	38.98	1.29	5.47	0.36
20/07/2023 22:00	14.7	346353.3	39.78	1.32	5.59	0.22
20/07/2023 23:00	14.6	329232.4	39.04	1.44	5.44	0.36
21/07/2023 00:00	14.7	337834.2	37.72	1.36	5.43	0.42
21/07/2023 01:00	14.7	338989.0	38.14	1.38	5.43	0.20
21/07/2023 02:00	14.7	338056.1	38.07	1.49	5.45	0.16
21/07/2023 03:00	14.6	335518.8	37.61	1.44	5.37	0.20
21/07/2023 04:00	14.6	335484.7	37.84	1.60	5.42	0.11
21/07/2023 05:00	14.6	329864.1	37.22	1.49	5.30	0.31
21/07/2023 06:00	14.6	329847.0	37.26	1.49	5.35	0.40
21/07/2023 07:00	14.7	336616.8	38.04	1.50	5.32	0.60
21/07/2023 08:00	14.7	338201.1	39.32	1.39	5.47	0.70
21/07/2023 09:00	14.7	307429.8	41.50	1.53	5.31	0.83
21/07/2023 10:00	14.8	351709.4	42.97	1.29	5.43	0.63
21/07/2023 11:00	14.8	349266.0	42.92	1.16	5.19	0.50
21/07/2023 12:00	14.8	348119.7	43.04	1.11	5.12	0.27
21/07/2023 13:00	14.7	350895.9	44.97	0.97	5.27	0.43
21/07/2023 14:00	14.7	351223.0	40.74	0.94	5.43	0.40
21/07/2023 15:00	14.6	352591.2	37.24	0.73	5.25	0.27
21/07/2023 16:00	14.6	349214.8	36.63	0.80	5.07	0.11
21/07/2023 17:00	14.7	347314.7	38.70	0.85	5.36	0.36
21/07/2023 18:00	14.8	345969.3	41.52	0.91	5.51	0.48
21/07/2023 19:00	14.7	343750.6	39.89	1.02	5.37	0.29
21/07/2023 20:00	14.7	344404.9	37.74	0.92	5.30	0.13
21/07/2023 21:00	14.7	346199.7	38.71	0.97	5.78	0.29
21/07/2023 22:00	14.7	349832.1	39.14	0.97	5.62	0.27
21/07/2023 23:00	14.7	332119.3	38.57	1.23	5.46	0.45
22/07/2023 00:00	14.7	338886.6	37.49	1.09	5.68	0.07
22/07/2023 01:00	14.6	334952.8	36.82	1.11	9.82	0.04
22/07/2023 02:00	14.6	334557.4	36.80	1.49	6.63	0.44
22/07/2023 03:00	14.6	332034.4	36.76	1.51	5.91	0.15
22/07/2023 04:00	14.6	331300.5	36.73	1.53	5.68	0.22
22/07/2023 05:00	14.6	325358.5	35.70	1.63	6.73	0.13
22/07/2023 06:00	14.6	323762.7	34.79	1.46	6.13	0.18
22/07/2023 07:00	14.6	330216.8	35.50	1.62	5.62	0.16
22/07/2023 08:00	14.7	327287.0	35.97	1.45	5.71	0.18
22/07/2023 09:00	14.7	303419.0	36.01	1.44	5.35	0.52
22/07/2023 10:00	14.8	352707.8	38.34	1.41	5.16	0.18
22/07/2023 11:00	14.8	350480.6	38.57	1.13	5.22	0.16
22/07/2023 12:00	14.8	347917.8	38.33	1.13	5.20	0.20
22/07/2023 13:00	14.7	350386.7	40.33	0.99	5.49	0.47
22/07/2023 14:00	14.7	350870.3	41.34	0.78	5.40	0.65
22/07/2023 15:00	14.7	351621.2	41.16	0.87	5.48	0.47

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
22/07/2023 16:00	14.7	351592.8	39.86	0.94	5.46	0.20
22/07/2023 17:00	14.6	341523.4	36.12	0.97	5.82	0.07
22/07/2023 18:00	14.6	335772.0	35.03	1.08	7.14	0.13
22/07/2023 19:00	14.6	336847.2	34.75	1.17	6.75	0.15
22/07/2023 20:00	14.6	337308.0	34.94	1.24	7.27	0.18
22/07/2023 21:00	14.7	338007.7	35.31	1.25	6.21	0.18
22/07/2023 22:00	14.7	340789.6	35.39	1.32	6.78	0.16
22/07/2023 23:00	14.6	334444.8	37.01	1.33	7.57	0.18
23/07/2023 00:00	14.7	357125.2	37.92	1.25	7.81	0.11
23/07/2023 01:00	14.7	356570.6	38.37	1.45	7.75	0.13
23/07/2023 02:00	14.7	356692.9	37.49	1.36	8.84	0.11
23/07/2023 03:00	14.7	356291.8	37.23	1.40	8.50	0.13
23/07/2023 04:00	14.7	356732.7	37.45	1.60	8.52	0.18
23/07/2023 05:00	14.7	355364.5	36.96	1.36	7.36	0.22
23/07/2023 06:00	14.7	356200.8	37.16	1.47	6.30	0.22
23/07/2023 07:00	14.7	356109.8	37.00	1.49	6.39	0.18
23/07/2023 08:00	14.7	357950.1	37.35	1.37	6.43	0.16
23/07/2023 09:00	14.7	358976.9	38.23	1.47	5.93	0.14
23/07/2023 10:00	14.7	357637.2	39.61	1.21	5.95	0.40
23/07/2023 11:00	14.7	354903.7	41.30	1.07	5.53	0.63
23/07/2023 12:00	14.7	354883.8	40.92	1.00	5.20	0.67
23/07/2023 13:00	14.6	353512.8	40.21	0.93	5.45	0.62
23/07/2023 14:00	14.6	358083.8	36.42	0.80	5.30	0.40
23/07/2023 15:00	14.6	358470.6	36.51	0.84	5.17	0.09
23/07/2023 16:00	14.6	358425.1	37.55	0.84	5.68	0.04
23/07/2023 17:00	14.5	300858.5	35.34	0.94	5.51	0.13
23/07/2023 18:00	14.6	312056.9	33.98	1.04	6.11	0.22
23/07/2023 19:00	14.6	335669.6	35.98	1.11	6.19	0.69
23/07/2023 20:00	14.6	336568.4	36.62	1.29	5.23	0.47
23/07/2023 21:00	14.6	338448.6	36.78	1.24	5.32	0.24
23/07/2023 22:00	14.6	319197.0	36.33	1.48	6.34	0.13
23/07/2023 23:00	14.6	319282.7	34.21	1.54	7.91	0.18
24/07/2023 00:00	14.6	318799.2	33.79	1.32	11.01	0.20
24/07/2023 01:00	14.5	317972.2	33.72	1.53	8.44	0.22
24/07/2023 02:00	14.5	316975.9	33.43	1.59	7.48	0.26
24/07/2023 03:00	14.5	315932.0	33.17	1.53	6.11	0.24
24/07/2023 04:00	14.5	317359.9	33.06	1.59	5.72	0.26
24/07/2023 05:00	14.5	314856.8	33.21	1.57	5.83	0.26
24/07/2023 06:00	14.5	316008.8	33.39	1.53	6.21	0.24
24/07/2023 07:00	14.6	327560.1	34.26	1.59	6.11	0.20
24/07/2023 08:00	14.7	341748.2	37.04	1.66	5.92	0.27
24/07/2023 09:00	14.7	311160.5	37.39	1.39	5.77	0.89
24/07/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/07/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/07/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/07/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/07/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/07/2023 15:00	15.2	352010.9	53.92	2.62	5.88	0.75
24/07/2023 16:00	15.3	351410.7	56.49	2.95	6.10	1.06
24/07/2023 17:00	15.3	351092.2	54.88	3.23	6.07	0.91
24/07/2023 18:00	15.3	346347.6	56.04	3.15	6.28	0.49
24/07/2023 19:00	15.3	344956.7	54.81	3.23	6.12	0.44
24/07/2023 20:00	15.3	345229.8	58.74	3.04	6.26	0.82
24/07/2023 21:00	15.3	344712.1	58.86	3.16	6.05	0.86
24/07/2023 22:00	15.3	346407.3	57.89	3.10	6.30	0.64
24/07/2023 23:00	15.2	328763.1	54.94	3.00	6.45	1.15
25/07/2023 00:00	15.2	336542.8	54.16	3.05	6.38	0.76
25/07/2023 01:00	15.2	337060.5	54.45	3.12	6.17	0.80
25/07/2023 02:00	15.2	335180.3	54.92	3.29	6.11	0.49
25/07/2023 03:00	15.2	332981.6	54.87	3.16	6.11	0.44
25/07/2023 04:00	15.2	331266.4	54.65	3.30	6.27	0.51
25/07/2023 05:00	15.2	325728.3	54.65	3.16	6.20	0.46
25/07/2023 06:00	15.2	325884.7	54.92	3.36	6.18	0.54
25/07/2023 07:00	15.2	335905.7	56.09	3.19	6.25	0.54
25/07/2023 08:00	15.3	341349.9	57.91	3.33	6.06	1.09

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/07/2023 09:00	15.3	309192.1	57.54	3.31	5.90	1.00
25/07/2023 10:00	15.4	351513.1	56.85	3.14	6.12	0.75
25/07/2023 11:00	15.1	352315.3	55.05	2.85	5.85	0.70
25/07/2023 12:00	15.1	348261.9	56.56	2.66	5.82	0.72
25/07/2023 13:00	15.1	350750.8	55.72	2.54	5.99	0.81
25/07/2023 14:00	15.1	351407.9	55.19	2.42	6.04	0.79
25/07/2023 15:00	15.1	350793.5	56.13	2.37	6.11	0.77
25/07/2023 16:00	15.1	350708.2	56.37	2.16	6.02	0.79
25/07/2023 17:00	15.1	351160.4	56.37	2.35	5.87	0.67
25/07/2023 18:00	15.1	347468.3	55.12	2.40	5.87	0.91
25/07/2023 19:00	15.1	345699.1	56.20	2.49	5.90	0.98
25/07/2023 20:00	15.1	344012.3	57.78	2.64	5.78	0.55
25/07/2023 21:00	15.1	344663.7	56.97	2.64	5.80	0.60
25/07/2023 22:00	15.1	347343.2	56.73	2.66	5.97	0.72
25/07/2023 23:00	15.1	329561.0	56.01	2.73	5.80	0.91
26/07/2023 00:00	15.1	337484.3	55.19	2.76	5.85	1.03
26/07/2023 01:00	15.1	338030.5	55.10	2.83	5.94	0.93
26/07/2023 02:00	15.1	335973.9	54.88	2.92	5.80	1.01
26/07/2023 03:00	15.1	334674.0	55.05	3.00	5.99	0.96
26/07/2023 04:00	15.1	333906.0	55.17	3.04	5.85	0.96
26/07/2023 05:00	15.2	327210.2	55.45	2.97	5.56	0.98
26/07/2023 06:00	15.2	325532.0	55.31	3.09	6.34	0.98
26/07/2023 07:00	15.3	333342.8	56.51	3.14	6.25	0.81
26/07/2023 08:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
26/07/2023 09:00	14.8	310021.2	39.81	0.27	5.54	2.14
26/07/2023 10:00	14.9	352045.0	39.63	0.30	5.39	1.61
26/07/2023 11:00	14.9	348680.1	39.01	0.30	5.35	1.88
26/07/2023 12:00	14.8	349240.4	38.47	0.18	5.34	1.81
26/07/2023 13:00	14.8	349365.6	39.12	0.05	5.64	1.85
26/07/2023 14:00	14.8	349584.6	40.68	0.02	5.68	1.90
26/07/2023 15:00	14.8	349180.7	40.88	0.02	5.69	2.04
26/07/2023 16:00	14.8	349581.8	40.50	0.05	5.61	2.13
26/07/2023 17:00	14.7	345417.5	31.74	0.02	5.48	1.99
26/07/2023 18:00	14.8	345451.6	35.76	0.07	5.57	1.96
26/07/2023 19:00	14.8	345827.1	36.22	0.14	5.46	2.03
26/07/2023 20:00	14.8	345983.5	36.37	0.11	5.60	2.06
26/07/2023 21:00	14.8	345326.5	36.66	0.14	5.61	1.99
26/07/2023 22:00	14.8	347676.0	37.29	0.16	5.72	1.97
26/07/2023 23:00	14.8	329442.8	35.79	0.18	5.75	2.07
27/07/2023 00:00	14.8	338374.6	34.90	0.20	5.80	2.02
27/07/2023 01:00	14.8	337928.1	34.84	0.23	5.79	2.04
27/07/2023 02:00	14.8	335652.5	34.23	0.20	5.82	2.04
27/07/2023 03:00	14.7	334119.3	33.62	0.25	5.62	2.03
27/07/2023 04:00	14.7	333647.2	33.44	0.27	5.62	2.03
27/07/2023 05:00	14.7	328353.7	33.14	0.29	5.47	2.07
27/07/2023 06:00	14.7	327946.9	33.42	0.27	5.51	1.96
27/07/2023 07:00	14.8	335197.4	34.65	0.27	5.53	2.05
27/07/2023 08:00	14.8	341981.4	35.81	0.25	5.47	2.13
27/07/2023 09:00	14.8	313805.9	37.23	0.23	5.43	2.18
27/07/2023 10:00	14.9	351749.2	38.17	0.18	5.69	1.98
27/07/2023 11:00	14.9	349894.6	38.27	0.12	5.53	1.77
27/07/2023 12:00	14.8	348270.5	38.73	0.07	5.49	1.76
27/07/2023 13:00	14.8	349132.3	38.29	0.00	5.63	1.72
27/07/2023 14:00	14.7	355287.7	34.22	0.00	5.57	1.43
27/07/2023 15:00	14.7	351120.6	33.24	0.00	5.53	1.45
27/07/2023 16:00	14.7	346154.2	32.75	0.00	5.57	1.54
27/07/2023 17:00	14.7	341111.0	32.25	0.42	5.47	1.58
27/07/2023 18:00	14.7	341227.6	36.34	1.42	5.47	1.55
27/07/2023 19:00	14.8	340075.6	37.75	1.57	5.59	1.86
27/07/2023 20:00	14.8	339387.3	36.49	1.62	5.51	1.96
27/07/2023 21:00	14.8	339469.8	36.12	1.62	5.58	1.85
27/07/2023 22:00	14.8	341972.9	36.21	1.69	5.58	1.87
27/07/2023 23:00	14.7	320357.6	33.57	1.78	5.47	2.37
28/07/2023 00:00	14.7	324809.5	31.93	1.80	5.39	2.31
28/07/2023 01:00	14.7	322926.5	32.92	1.82	5.34	2.04

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/07/2023 02:00	14.7	316845.0	32.05	1.85	5.36	2.12
28/07/2023 03:00	14.7	311235.8	31.89	1.91	5.45	2.14
28/07/2023 04:00	14.6	305063.3	32.07	2.01	5.29	2.08
28/07/2023 05:00	14.6	296032.3	32.19	2.03	5.34	2.14
28/07/2023 06:00	14.6	291156.9	31.99	1.98	5.35	2.34
28/07/2023 07:00	14.6	283778.4	33.03	1.96	5.28	2.31
28/07/2023 08:00	14.6	281909.6	34.68	1.92	5.23	2.05
28/07/2023 09:00	14.6	282427.3	34.52	1.79	5.08	1.94
28/07/2023 10:00	14.6	280717.8	35.07	1.64	4.99	1.94
28/07/2023 11:00	14.6	280396.3	35.26	1.50	4.96	1.96
28/07/2023 12:00	14.6	279528.8	34.87	1.34	5.00	1.94
28/07/2023 13:00	14.6	282017.7	34.67	1.25	4.90	1.73
28/07/2023 14:00	14.6	281901.0	35.19	1.32	5.00	1.73
28/07/2023 15:00	14.6	280282.6	35.33	1.16	4.99	1.93
28/07/2023 16:00	14.6	279104.9	36.20	1.27	4.98	1.91
28/07/2023 17:00	14.7	265922.5	37.39	1.36	5.16	1.88
28/07/2023 18:00	14.7	297281.4	34.26	1.42	5.33	2.29
28/07/2023 19:00	14.7	317382.6	33.75	1.57	5.26	2.10
28/07/2023 20:00	14.7	318031.2	33.75	1.57	5.28	2.04
28/07/2023 21:00	14.7	318179.1	33.23	1.66	5.32	2.04
28/07/2023 22:00	14.7	292979.6	33.57	1.63	5.33	2.24
28/07/2023 23:00	14.6	274969.1	33.02	1.66	5.28	2.67
29/07/2023 00:00	14.6	273162.9	33.54	1.75	5.34	2.22
29/07/2023 01:00	14.6	273157.2	33.13	1.77	5.28	2.32
29/07/2023 02:00	14.6	272594.0	32.68	1.77	5.27	2.47
29/07/2023 03:00	14.6	271598.5	32.32	1.83	5.32	2.23
29/07/2023 04:00	14.6	270096.6	32.55	1.90	5.33	1.79
29/07/2023 05:00	14.6	268321.7	32.47	1.90	5.31	2.26
29/07/2023 06:00	14.6	270492.0	32.18	1.90	5.28	2.48
29/07/2023 07:00	14.6	275145.5	32.45	1.83	5.20	2.42
29/07/2023 08:00	14.6	280163.1	33.14	1.69	5.15	2.31
29/07/2023 09:00	14.7	305416.1	33.02	1.66	5.24	2.06
29/07/2023 10:00	14.7	325685.6	32.58	1.58	5.33	1.85
29/07/2023 11:00	14.7	321447.3	32.71	1.46	5.20	1.80
29/07/2023 12:00	14.7	319592.8	33.50	1.37	5.16	1.75
29/07/2023 13:00	14.7	321484.3	33.71	1.25	5.30	1.70
29/07/2023 14:00	14.7	322752.9	33.82	1.12	5.33	1.90
29/07/2023 15:00	14.7	322585.1	33.87	1.10	5.33	1.84
29/07/2023 16:00	14.7	321982.1	34.16	1.10	5.28	1.77
29/07/2023 17:00	14.7	318076.7	34.09	1.16	5.22	1.88
29/07/2023 18:00	14.7	317012.9	33.68	1.25	5.21	1.97
29/07/2023 19:00	14.7	316017.3	33.53	1.28	5.28	1.95
29/07/2023 20:00	14.7	312402.0	32.23	1.36	5.28	2.07
29/07/2023 21:00	14.7	312279.7	31.43	1.38	5.23	2.09
29/07/2023 22:00	14.7	315158.3	31.00	1.47	5.34	2.12
29/07/2023 23:00	14.6	281887.6	32.51	1.58	5.40	2.29
30/07/2023 00:00	14.6	279124.9	32.48	1.62	5.25	2.23
30/07/2023 01:00	14.5	279480.4	32.41	1.68	5.29	1.77
30/07/2023 02:00	14.5	278453.6	32.37	1.68	5.20	1.55
30/07/2023 03:00	14.5	278026.9	32.24	1.66	5.18	1.49
30/07/2023 04:00	14.5	277876.2	31.95	1.75	5.13	1.35
30/07/2023 05:00	14.6	275816.8	31.40	1.75	5.26	1.36
30/07/2023 06:00	14.6	276223.5	31.16	1.73	5.60	1.43
30/07/2023 07:00	14.6	278718.1	30.83	1.62	5.47	1.49
30/07/2023 08:00	14.6	284719.9	30.62	1.59	5.45	1.61
30/07/2023 09:00	14.7	288611.1	31.22	1.40	5.07	2.29
30/07/2023 10:00	14.6	286105.1	31.69	1.37	4.97	2.01
30/07/2023 11:00	14.6	283465.5	33.84	1.54	5.01	2.11
30/07/2023 12:00	14.6	285263.2	33.77	1.70	5.22	2.09
30/07/2023 13:00	14.6	285348.5	33.53	1.52	5.13	2.09
30/07/2023 14:00	14.6	283895.0	33.07	1.38	5.14	2.13
30/07/2023 15:00	14.6	286011.3	32.40	1.32	5.04	2.24
30/07/2023 16:00	14.6	288889.8	32.08	1.15	5.12	2.23
30/07/2023 17:00	14.7	274802.0	32.95	1.36	5.26	2.32
30/07/2023 18:00	14.7	293171.2	31.10	1.35	5.52	2.69

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
30/07/2023 19:00	14.7	313508.5	30.25	1.43	5.48	1.83
30/07/2023 20:00	14.6	312751.9	29.78	1.33	5.28	1.31
30/07/2023 21:00	14.6	313551.2	28.87	1.38	5.97	1.35
30/07/2023 22:00	14.6	296495.3	29.15	1.40	6.35	1.33
30/07/2023 23:00	14.6	294780.7	28.64	1.56	6.49	1.43
31/07/2023 00:00	14.6	295446.3	28.48	1.47	6.39	1.47
31/07/2023 01:00	14.6	294532.7	28.37	1.49	6.24	1.38
31/07/2023 02:00	14.6	292570.6	28.55	1.49	6.31	1.36
31/07/2023 03:00	14.6	291341.8	28.94	1.47	7.51	1.71
31/07/2023 04:00	14.5	288397.8	30.07	1.75	6.46	1.46
31/07/2023 05:00	14.5	284111.2	30.98	1.81	9.81	1.33
31/07/2023 06:00	14.5	286386.7	30.79	1.72	7.35	1.31
31/07/2023 07:00	14.6	296996.5	29.53	1.80	6.87	1.34
31/07/2023 08:00	14.6	298378.9	28.90	1.63	6.45	1.34
31/07/2023 09:00	14.8	282870.6	29.07	1.70	7.06	1.13
31/07/2023 10:00	14.7	322861.0	27.98	1.55	6.23	1.39
31/07/2023 11:00	14.7	323592.1	30.64	1.38	5.73	1.71
31/07/2023 12:00	14.8	318733.8	32.09	1.33	5.58	1.94
31/07/2023 13:00	14.7	321683.4	32.42	1.06	5.34	2.21
31/07/2023 14:00	14.7	320821.6	32.70	1.06	5.55	1.95
31/07/2023 15:00	14.7	321814.3	32.90	1.06	5.50	2.11
31/07/2023 16:00	14.7	324857.8	32.97	0.97	5.51	1.66
31/07/2023 17:00	14.7	324559.2	32.82	1.01	5.59	1.55
31/07/2023 18:00	14.7	321643.6	32.02	1.12	5.52	1.30
31/07/2023 19:00	14.7	319240.1	31.29	1.23	5.46	1.32
31/07/2023 20:00	14.7	318301.4	30.26	1.19	5.62	1.30
31/07/2023 21:00	14.7	317066.9	29.21	1.23	6.11	1.32
31/07/2023 22:00	14.7	317911.7	28.36	1.27	6.48	1.29
31/07/2023 23:00	14.7	298746.8	28.22	1.23	6.46	1.31
Minimum	14.51	265,922.50	27.98	0.00	4.72	0.02
Maximum	15.36	363,294.80	58.86	3.36	11.01	2.69
Avg	14.72	334,206.83	39.74	1.47	5.66	0.89
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/07/2023 00:00	14.5	355486.8	29.37	1.41	5.39	1.85
01/07/2023 01:00	14.5	354394.6	28.78	1.45	5.53	1.82
01/07/2023 02:00	14.5	353020.7	28.77	1.58	6.56	1.88
01/07/2023 03:00	14.4	349399.7	28.92	1.55	6.22	1.83
01/07/2023 04:00	14.5	344951.0	29.57	1.59	5.60	1.79
01/07/2023 05:00	14.4	340015.9	29.26	1.52	6.44	1.80
01/07/2023 06:00	14.4	337965.0	29.43	1.59	5.73	1.78
01/07/2023 07:00	14.5	347650.4	29.46	1.57	6.47	1.81
01/07/2023 08:00	14.5	354710.3	30.40	1.82	5.94	1.86
01/07/2023 09:00	14.5	327895.7	36.42	3.26	5.71	2.19
01/07/2023 10:00	14.6	364643.1	36.25	3.55	6.33	2.34
01/07/2023 11:00	14.6	358035.4	37.17	3.69	5.23	2.44
01/07/2023 12:00	14.6	358354.0	37.96	3.63	4.43	2.43
01/07/2023 13:00	14.7	362105.8	38.83	3.58	4.54	2.40
01/07/2023 14:00	14.7	365237.6	39.63	3.53	4.71	2.48
01/07/2023 15:00	14.6	362595.1	37.69	3.51	4.76	2.32
01/07/2023 16:00	14.5	359247.2	37.50	3.66	5.88	2.31
01/07/2023 17:00	14.5	352963.8	36.99	3.73	5.61	2.31
01/07/2023 18:00	14.5	352124.7	36.41	3.81	5.75	2.35
01/07/2023 19:00	14.5	353794.4	36.25	3.75	6.19	2.37
01/07/2023 20:00	14.5	354539.6	36.31	3.80	6.04	2.29
01/07/2023 21:00	14.5	374692.5	38.15	3.78	6.55	2.24
01/07/2023 22:00	14.5	375881.5	37.70	3.80	6.93	2.28
01/07/2023 23:00	14.5	338679.0	34.72	3.72	5.82	2.27
02/07/2023 00:00	14.5	346811.3	34.85	3.74	6.16	2.27
02/07/2023 01:00	14.5	346993.3	34.92	3.80	6.56	2.33
02/07/2023 02:00	14.4	346054.6	34.64	3.85	7.17	2.32
02/07/2023 03:00	14.4	342991.2	34.21	3.84	7.14	2.30
02/07/2023 04:00	14.4	343264.3	34.40	3.89	6.94	2.30
02/07/2023 05:00	14.4	338229.6	34.15	3.86	6.20	2.38
02/07/2023 06:00	14.4	333047.0	33.72	3.82	5.38	2.38
02/07/2023 07:00	14.4	330979.1	33.55	3.81	4.73	2.39
02/07/2023 08:00	14.5	327343.9	34.08	3.72	4.59	2.42
02/07/2023 09:00	14.5	325204.9	35.48	3.69	4.40	2.47
02/07/2023 10:00	14.5	325048.4	36.10	3.57	3.97	2.42
02/07/2023 11:00	14.5	326570.2	36.40	3.56	3.91	2.47
02/07/2023 12:00	14.5	323216.6	36.01	3.36	3.51	2.40
02/07/2023 13:00	14.6	325136.6	36.73	3.39	3.87	2.47
02/07/2023 14:00	14.5	327005.4	35.89	3.02	3.78	2.40
02/07/2023 15:00	14.5	328911.2	35.18	2.73	3.82	2.29
02/07/2023 16:00	14.4	324855.0	32.93	2.43	4.66	2.08
02/07/2023 17:00	14.4	312168.8	32.87	2.28	5.52	2.11
02/07/2023 18:00	14.5	326728.8	35.78	2.12	5.46	2.03
02/07/2023 19:00	14.5	349163.6	33.94	1.97	5.79	1.92
02/07/2023 20:00	14.5	349337.1	33.49	1.94	6.06	1.94
02/07/2023 21:00	14.5	350682.6	32.51	1.85	6.15	1.87
02/07/2023 22:00	14.5	343651.1	31.30	1.77	5.88	1.84
02/07/2023 23:00	14.5	377613.8	32.72	1.75	7.15	1.81
03/07/2023 00:00	14.5	377135.9	32.16	1.74	7.47	1.90
03/07/2023 01:00	14.5	376902.7	31.47	1.72	8.82	1.82
03/07/2023 02:00	14.5	376820.2	31.18	1.76	9.04	1.78
03/07/2023 03:00	14.5	377400.4	30.90	1.76	8.37	1.73
03/07/2023 04:00	14.5	377326.5	31.98	1.76	7.37	1.78
03/07/2023 05:00	14.5	376874.2	32.27	1.81	7.52	1.81
03/07/2023 06:00	14.5	376623.9	31.82	1.81	8.29	1.78
03/07/2023 07:00	14.5	377753.1	31.44	1.74	7.67	1.81
03/07/2023 08:00	14.5	358263.0	31.44	1.54	6.29	1.95
03/07/2023 09:00	14.6	322420.0	34.72	1.49	4.95	1.86
03/07/2023 10:00	14.6	366927.2	33.97	1.37	5.52	1.97
03/07/2023 11:00	14.6	366534.6	34.46	1.26	5.20	1.88
03/07/2023 12:00	14.6	365109.6	34.46	1.17	5.14	1.93
03/07/2023 13:00	14.6	366878.8	34.58	1.15	5.23	1.91
03/07/2023 14:00	14.6	368585.5	34.91	1.04	5.15	1.87
03/07/2023 15:00	14.6	368781.8	34.62	0.95	5.15	1.82
03/07/2023 16:00	14.6	368025.1	33.79	0.99	5.17	1.88

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/07/2023 17:00	14.6	363203.8	33.22	1.10	5.35	2.00
03/07/2023 18:00	14.6	359218.7	32.30	1.19	4.98	2.02
03/07/2023 19:00	14.6	358664.1	31.83	1.27	5.22	2.17
03/07/2023 20:00	14.6	359503.2	32.02	1.34	5.30	2.06
03/07/2023 21:00	14.6	360501.6	32.72	1.43	5.27	2.09
03/07/2023 22:00	14.6	363169.7	32.91	1.45	5.39	2.13
03/07/2023 23:00	14.5	351774.7	33.65	1.46	5.04	1.99
04/07/2023 00:00	14.5	376601.1	31.70	1.46	5.62	1.79
04/07/2023 01:00	14.5	376945.3	31.14	1.43	5.76	1.89
04/07/2023 02:00	14.6	378478.5	32.99	1.58	5.89	1.86
04/07/2023 03:00	14.6	378612.2	33.14	1.62	6.10	1.87
04/07/2023 04:00	14.6	378623.5	32.75	1.64	6.14	1.89
04/07/2023 05:00	14.6	378438.6	33.26	1.70	6.37	1.89
04/07/2023 06:00	14.6	378646.3	33.21	1.63	6.09	1.85
04/07/2023 07:00	14.6	378720.3	32.54	1.63	6.17	1.96
04/07/2023 08:00	14.5	357546.2	31.56	1.54	5.82	1.95
04/07/2023 09:00	14.5	332372.8	31.56	1.35	5.07	1.89
04/07/2023 10:00	14.6	370838.3	32.26	1.31	6.10	1.95
04/07/2023 11:00	14.6	371142.6	32.47	1.22	5.64	1.99
04/07/2023 12:00	14.5	365251.8	31.49	1.16	5.46	1.77
04/07/2023 13:00	14.5	364938.9	31.84	1.22	6.05	1.79
04/07/2023 14:00	14.6	368101.9	31.90	1.23	6.06	1.83
04/07/2023 15:00	14.6	366622.8	31.35	1.15	5.89	1.79
04/07/2023 16:00	14.6	367954.0	31.23	1.21	6.00	1.80
04/07/2023 17:00	14.5	363317.6	30.96	1.26	6.01	2.14
04/07/2023 18:00	14.5	355173.9	30.76	1.34	7.07	1.75
04/07/2023 19:00	14.5	355981.8	30.72	1.49	7.83	1.90
04/07/2023 20:00	14.5	358789.2	30.46	1.52	7.62	1.95
04/07/2023 21:00	14.5	358644.2	30.16	1.49	7.86	1.86
04/07/2023 22:00	14.5	361923.8	30.64	1.54	8.29	1.86
04/07/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
05/07/2023 10:00	14.5	365837.8	34.02	1.96	5.74	2.07
05/07/2023 11:00	14.6	364608.9	34.50	1.71	4.79	2.15
05/07/2023 12:00	14.6	365189.2	33.56	1.52	4.68	2.42
05/07/2023 13:00	14.6	370735.9	33.14	1.49	5.12	1.84
05/07/2023 14:00	14.6	372061.4	33.39	1.56	6.09	1.80
05/07/2023 15:00	14.6	367988.2	33.15	1.51	6.18	1.82
05/07/2023 16:00	14.6	366042.6	32.37	1.47	5.98	1.79
05/07/2023 17:00	14.6	362012.0	32.45	1.45	5.55	1.89
05/07/2023 18:00	14.6	358260.2	31.69	1.41	5.10	1.91
05/07/2023 19:00	14.5	357270.3	31.45	1.44	5.64	1.90
05/07/2023 20:00	14.5	359093.6	32.27	1.59	6.43	1.90
05/07/2023 21:00	14.5	359181.8	32.48	1.66	5.88	1.87
05/07/2023 22:00	14.5	361992.1	32.61	1.72	6.19	1.94
05/07/2023 23:00	14.5	361687.7	32.49	1.65	6.30	1.93
06/07/2023 00:00	14.6	378231.0	33.08	1.73	6.92	1.97
06/07/2023 01:00	14.5	377983.5	32.95	1.77	6.85	1.94
06/07/2023 02:00	14.5	378649.1	32.84	1.77	6.68	1.99
06/07/2023 03:00	14.5	378939.3	32.83	1.70	6.29	1.92
06/07/2023 04:00	14.5	378529.7	33.39	1.81	6.08	1.90
06/07/2023 05:00	14.5	377980.7	33.30	1.90	5.91	1.94
06/07/2023 06:00	14.6	378538.2	33.75	1.97	5.89	1.99
06/07/2023 07:00	14.6	379499.6	33.40	1.73	5.56	1.91
06/07/2023 08:00	14.5	358866.0	31.45	1.19	4.52	1.75
06/07/2023 09:00	14.5	338900.8	33.22	1.21	3.84	1.76

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/07/2023 10:00	14.6	366804.9	32.97	0.84	4.73	1.79
06/07/2023 11:00	14.6	363562.2	32.57	0.77	4.64	1.72
06/07/2023 12:00	14.6	361847.0	32.63	0.64	4.81	1.97
06/07/2023 13:00	14.7	366187.6	33.37	0.58	4.72	2.40
06/07/2023 14:00	14.7	368130.4	34.53	0.85	5.50	1.92
06/07/2023 15:00	14.7	367826.0	32.86	0.56	5.27	2.14
06/07/2023 16:00	14.7	367834.6	32.45	0.43	5.21	2.22
06/07/2023 17:00	14.7	365177.8	33.67	0.72	5.37	2.23
06/07/2023 18:00	14.7	360951.0	33.80	0.96	4.92	2.48
06/07/2023 19:00	14.6	360936.8	31.52	0.69	4.68	2.79
06/07/2023 20:00	14.6	361346.4	32.77	1.06	5.50	1.97
06/07/2023 21:00	14.6	358439.3	32.25	1.01	5.55	1.93
06/07/2023 22:00	14.6	363084.3	30.62	0.77	5.60	1.79
06/07/2023 23:00	14.5	362721.6	31.99	1.06	5.63	1.91
07/07/2023 00:00	14.5	378026.2	30.89	1.31	6.00	1.87
07/07/2023 01:00	14.5	377073.3	28.65	0.43	6.02	1.61
07/07/2023 02:00	14.5	377414.6	31.95	1.20	6.37	1.83
07/07/2023 03:00	14.5	377426.0	31.77	1.24	6.58	1.83
07/07/2023 04:00	14.5	378023.3	32.63	1.46	6.38	1.92
07/07/2023 05:00	14.5	377500.0	33.43	1.59	5.96	2.01
07/07/2023 06:00	14.5	377534.1	33.18	1.60	5.62	1.99
07/07/2023 07:00	14.5	376865.7	32.67	1.16	5.09	1.79
07/07/2023 08:00	14.5	359816.1	33.12	1.35	4.52	2.29
07/07/2023 09:00	14.6	337117.4	33.40	1.08	3.73	2.85
07/07/2023 10:00	14.7	367732.2	33.64	0.91	4.43	2.56
07/07/2023 11:00	14.7	366432.3	33.30	0.56	4.74	2.25
07/07/2023 12:00	14.6	365129.5	32.82	0.67	4.75	2.15
07/07/2023 13:00	14.6	365027.1	31.90	0.68	4.92	2.34
07/07/2023 14:00	14.6	370846.8	29.27	0.61	4.95	2.28
07/07/2023 15:00	14.6	366546.0	28.31	0.37	4.90	2.27
07/07/2023 16:00	14.6	365149.4	29.14	0.59	5.15	2.07
07/07/2023 17:00	14.6	362495.5	30.91	0.64	5.11	2.24
07/07/2023 18:00	14.8	362450.0	33.00	0.57	5.22	1.85
07/07/2023 19:00	14.7	363695.9	31.83	0.85	5.24	1.95
07/07/2023 20:00	14.7	366679.7	31.35	0.91	5.96	2.05
07/07/2023 21:00	14.6	363260.7	31.61	1.04	5.57	2.00
07/07/2023 22:00	14.6	365254.6	30.86	1.12	5.87	2.10
07/07/2023 23:00	14.5	352380.7	29.62	1.17	5.76	1.91
08/07/2023 00:00	14.5	377315.1	30.54	1.30	6.65	1.85
08/07/2023 01:00	14.5	378023.3	30.44	1.22	6.58	1.79
08/07/2023 02:00	14.5	377815.7	31.95	1.20	6.70	1.75
08/07/2023 03:00	14.5	376837.2	32.55	1.48	6.75	1.83
08/07/2023 04:00	14.5	376390.6	31.15	1.33	6.87	1.78
08/07/2023 05:00	14.5	376333.8	30.80	1.39	6.81	1.85
08/07/2023 06:00	14.5	377602.4	30.40	1.53	7.96	1.83
08/07/2023 07:00	14.5	378199.7	29.52	1.33	7.94	1.81
08/07/2023 08:00	14.5	361374.8	28.10	0.99	6.87	1.75
08/07/2023 09:00	14.5	335972.5	29.82	1.00	5.50	1.78
08/07/2023 10:00	14.6	366315.6	31.05	1.17	6.12	1.86
08/07/2023 11:00	14.7	367772.0	31.25	0.98	6.04	1.87
08/07/2023 12:00	14.6	365726.8	30.87	0.75	5.70	1.89
08/07/2023 13:00	14.5	363027.4	30.20	1.11	6.20	1.99
08/07/2023 14:00	14.6	369083.3	32.29	1.21	5.57	1.98
08/07/2023 15:00	14.6	368480.3	31.16	1.06	6.01	1.86
08/07/2023 16:00	14.7	367137.7	30.20	0.87	6.12	1.80
08/07/2023 17:00	14.7	361292.3	30.38	0.69	5.80	1.80
08/07/2023 18:00	14.6	356789.6	31.45	1.19	5.75	1.97
08/07/2023 19:00	14.6	358948.5	31.41	1.17	6.28	2.05
08/07/2023 20:00	14.5	358632.8	27.17	0.33	6.05	1.73
08/07/2023 21:00	14.5	358530.4	28.85	0.89	6.21	1.81
08/07/2023 22:00	14.5	360851.4	28.21	0.76	6.33	1.70
08/07/2023 23:00	14.6	344735.7	34.35	1.09	5.98	1.86
09/07/2023 00:00	14.6	378040.4	32.20	1.47	6.76	1.95
09/07/2023 01:00	14.6	379144.1	29.77	0.90	6.79	1.71
09/07/2023 02:00	14.6	379306.2	32.11	1.60	7.05	1.86

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/07/2023 03:00	14.6	379158.3	32.09	1.71	6.98	1.90
09/07/2023 04:00	14.6	379041.7	30.56	1.36	7.16	1.77
09/07/2023 05:00	14.6	379260.7	31.50	1.69	6.94	1.97
09/07/2023 06:00	14.6	378467.1	31.15	1.66	7.57	2.01
09/07/2023 07:00	14.6	378913.7	30.98	1.69	7.56	1.95
09/07/2023 08:00	14.5	377841.3	29.83	1.11	6.80	1.73
09/07/2023 09:00	14.6	377704.8	31.66	1.36	6.54	1.91
09/07/2023 10:00	14.6	379004.7	29.18	1.10	6.17	1.80
09/07/2023 11:00	14.6	379715.8	28.33	0.92	6.04	1.73
09/07/2023 12:00	14.5	378171.3	29.64	1.03	6.29	1.73
09/07/2023 13:00	14.5	376729.1	30.33	0.78	7.06	1.68
09/07/2023 14:00	14.5	377423.2	29.85	1.05	6.93	1.77
09/07/2023 15:00	14.6	379280.6	28.66	0.77	6.93	1.67
09/07/2023 16:00	14.6	379058.7	29.64	0.96	6.83	1.73
09/07/2023 17:00	14.5	301130.0	33.14	0.70	5.45	1.48
09/07/2023 18:00	14.5	327223.7	30.78	1.04	6.44	1.66
09/07/2023 19:00	14.5	351382.3	30.38	1.30	6.82	1.85
09/07/2023 20:00	14.5	352986.6	30.23	1.30	7.28	1.85
09/07/2023 21:00	14.5	353748.9	29.84	1.32	8.23	1.84
09/07/2023 22:00	14.5	336465.4	34.25	1.42	8.04	1.79
09/07/2023 23:00	14.5	376877.0	31.05	1.50	8.80	1.85
10/07/2023 00:00	14.5	376823.0	29.74	1.24	8.96	1.78
10/07/2023 01:00	14.5	377098.9	30.54	1.50	9.44	1.83
10/07/2023 02:00	14.5	376877.0	29.63	1.24	9.27	1.72
10/07/2023 03:00	14.5	377201.3	30.74	1.59	9.20	1.83
10/07/2023 04:00	14.5	377133.0	30.61	1.57	9.18	1.83
10/07/2023 05:00	14.5	377309.4	30.61	1.59	9.07	1.83
10/07/2023 06:00	14.5	376865.7	30.26	1.48	8.85	1.79
10/07/2023 07:00	14.5	378088.8	29.50	1.25	8.22	1.73
10/07/2023 08:00	14.5	358826.2	30.33	1.47	7.16	1.86
10/07/2023 09:00	14.5	333002.8	31.91	1.44	5.94	1.85
10/07/2023 10:00	14.6	371444.2	31.22	1.06	6.86	1.81
10/07/2023 11:00	14.5	368039.3	30.17	1.05	7.41	1.85
10/07/2023 12:00	14.6	363138.4	29.86	0.88	6.68	1.77
10/07/2023 13:00	14.6	369026.4	32.02	1.10	6.87	1.94
10/07/2023 14:00	14.6	370275.1	31.90	1.10	6.69	1.96
10/07/2023 15:00	14.6	369145.8	31.95	0.84	6.62	1.89
10/07/2023 16:00	14.7	368756.2	32.34	0.82	6.13	1.83
10/07/2023 17:00	14.6	364216.4	31.83	0.86	6.41	1.86
10/07/2023 18:00	14.5	358715.3	31.71	1.57	6.51	1.97
10/07/2023 19:00	14.5	359582.8	34.95	2.93	6.84	2.25
10/07/2023 20:00	14.5	360020.9	35.62	3.26	7.04	2.34
10/07/2023 21:00	14.6	360783.2	37.07	3.49	7.00	2.50
10/07/2023 22:00	14.6	363417.1	37.02	3.58	6.70	2.50
10/07/2023 23:00	14.5	353012.2	36.02	3.65	6.61	2.52
11/07/2023 00:00	14.5	378213.9	35.43	3.67	7.76	2.58
11/07/2023 01:00	14.5	377394.7	35.24	3.73	8.12	2.53
11/07/2023 02:00	14.5	377545.5	35.39	3.78	8.23	2.55
11/07/2023 03:00	14.5	377810.0	35.95	3.89	8.33	2.51
11/07/2023 04:00	14.5	377266.7	35.62	3.85	8.76	2.43
11/07/2023 05:00	14.5	376842.9	35.26	3.73	9.49	2.38
11/07/2023 06:00	14.5	376578.4	36.04	3.80	8.61	2.34
11/07/2023 07:00	14.6	377545.5	35.74	3.57	8.27	2.26
11/07/2023 08:00	14.5	361312.3	33.57	3.10	7.98	2.28
11/07/2023 09:00	14.5	325012.4	34.88	2.64	6.06	2.18
11/07/2023 10:00	14.6	370462.8	33.28	2.17	6.63	2.25
11/07/2023 11:00	14.7	368483.1	34.56	2.00	5.83	2.25
11/07/2023 12:00	14.7	366830.5	34.90	1.67	5.69	2.14
11/07/2023 13:00	14.6	368926.8	34.30	1.22	5.59	2.11
11/07/2023 14:00	14.6	371023.2	31.94	1.07	5.74	2.02
11/07/2023 15:00	14.6	371373.0	32.63	1.04	6.64	1.99
11/07/2023 16:00	14.6	370898.0	33.27	1.06	6.51	1.95
11/07/2023 17:00	14.6	365317.2	31.36	1.08	6.50	1.90
11/07/2023 18:00	14.6	360328.1	31.19	1.04	6.52	1.89
11/07/2023 19:00	14.6	361500.0	31.23	1.10	6.39	2.02

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
11/07/2023 20:00	14.5	360535.7	31.36	1.22	6.75	2.47
11/07/2023 21:00	14.5	360538.6	31.72	1.35	6.75	1.85
11/07/2023 22:00	14.5	361955.1	31.54	1.44	7.40	1.91
11/07/2023 23:00	14.5	352261.2	30.42	1.47	7.03	2.01
12/07/2023 00:00	14.5	376928.3	30.74	1.53	7.52	1.92
12/07/2023 01:00	14.5	376953.8	30.19	1.57	7.42	1.94
12/07/2023 02:00	14.5	377573.9	30.28	1.61	6.93	1.98
12/07/2023 03:00	14.5	378435.8	30.46	1.66	6.76	1.99
12/07/2023 04:00	14.5	378373.2	30.77	1.72	6.81	2.05
12/07/2023 05:00	14.5	378364.7	31.06	1.73	6.78	2.01
12/07/2023 06:00	14.5	377280.9	31.08	1.70	6.99	1.99
12/07/2023 07:00	14.6	378168.4	31.09	1.64	7.39	1.97
12/07/2023 08:00	14.5	358868.9	30.70	1.53	6.44	2.42
12/07/2023 09:00	14.6	344397.7	31.76	1.31	5.32	2.60
12/07/2023 10:00	14.6	371663.2	32.18	1.13	5.62	2.04
12/07/2023 11:00	14.6	370201.1	32.68	1.02	5.40	2.09
12/07/2023 12:00	14.6	368372.2	32.88	0.91	5.64	2.02
12/07/2023 13:00	14.6	368500.2	31.96	0.77	5.71	2.09
12/07/2023 14:00	14.5	370403.1	28.54	0.61	5.83	1.99
12/07/2023 15:00	14.5	370112.9	28.08	0.52	5.98	1.85
12/07/2023 16:00	14.5	368070.6	28.50	0.55	5.94	1.90
12/07/2023 17:00	14.6	368608.3	33.41	0.64	5.96	2.04
12/07/2023 18:00	14.7	366526.1	31.89	0.74	5.65	2.73
12/07/2023 19:00	14.6	365473.7	30.81	0.80	5.70	1.93
12/07/2023 20:00	14.6	365760.9	31.33	0.98	6.06	2.04
12/07/2023 21:00	14.6	365567.5	29.74	0.86	6.33	2.01
12/07/2023 22:00	14.6	368616.8	29.78	0.97	6.89	2.05
12/07/2023 23:00	14.5	354969.1	30.35	1.00	6.92	2.18
13/07/2023 00:00	14.5	378353.3	28.95	1.09	6.96	2.09
13/07/2023 01:00	14.5	378979.1	28.54	1.15	6.84	1.98
13/07/2023 02:00	14.5	376931.1	31.43	1.22	6.85	2.00
13/07/2023 03:00	14.5	377696.3	32.45	1.29	6.90	1.96
13/07/2023 04:00	14.6	377349.2	32.92	1.38	6.83	2.01
13/07/2023 05:00	14.6	377346.4	33.12	1.47	6.74	1.99
13/07/2023 06:00	14.6	378205.4	32.41	1.49	6.68	1.93
13/07/2023 07:00	14.6	378836.9	32.48	1.36	6.44	1.85
13/07/2023 08:00	14.5	359412.2	31.49	1.11	5.20	1.89
13/07/2023 09:00	14.5	347062.9	32.47	0.87	4.76	1.96
13/07/2023 10:00	14.6	372411.3	33.03	0.73	5.54	1.95
13/07/2023 11:00	14.6	371216.6	33.79	0.51	5.61	1.91
13/07/2023 12:00	14.6	369837.0	32.73	0.44	5.59	1.83
13/07/2023 13:00	14.5	369862.6	29.32	0.46	5.83	1.78
13/07/2023 14:00	14.5	375818.9	28.41	0.41	6.30	1.72
13/07/2023 15:00	14.5	374373.9	27.58	0.33	6.25	1.70
13/07/2023 16:00	14.5	373423.9	27.23	0.37	6.18	1.75
13/07/2023 17:00	14.6	365436.7	28.79	0.39	5.88	1.82
13/07/2023 18:00	14.7	366841.8	32.19	0.54	5.82	2.13
13/07/2023 19:00	14.7	364031.5	30.96	0.62	6.29	1.96
13/07/2023 20:00	14.6	363556.5	30.82	0.68	6.60	1.99
13/07/2023 21:00	14.6	363164.0	30.01	0.77	6.68	1.95
13/07/2023 22:00	14.6	366699.6	30.28	0.92	6.91	2.02
13/07/2023 23:00	14.5	354329.1	31.88	1.03	6.50	1.96
14/07/2023 00:00	14.5	377616.6	32.23	1.11	6.79	1.96
14/07/2023 01:00	14.5	377747.4	32.08	1.20	6.46	1.94
14/07/2023 02:00	14.5	377676.3	32.11	1.22	6.38	2.03
14/07/2023 03:00	14.5	378009.1	31.71	1.18	6.66	2.01
14/07/2023 04:00	14.5	377229.8	32.16	1.29	6.74	1.92
14/07/2023 05:00	14.5	377263.9	32.25	1.37	6.61	1.88
14/07/2023 06:00	14.6	377773.0	31.54	1.31	6.61	1.90
14/07/2023 07:00	14.6	377775.9	31.76	1.27	6.61	1.97
14/07/2023 08:00	14.5	358484.9	31.10	1.15	5.82	1.95
14/07/2023 09:00	14.5	330629.1	32.78	1.01	4.85	1.86
14/07/2023 10:00	14.6	374052.5	32.29	0.91	6.08	1.88
14/07/2023 11:00	14.6	371850.9	32.18	0.84	5.82	1.77
14/07/2023 12:00	14.6	368912.6	32.46	0.71	5.85	1.88

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/07/2023 13:00	14.6	369677.8	34.25	0.62	5.77	1.87
14/07/2023 14:00	14.6	369942.3	32.08	0.46	6.07	1.86
14/07/2023 15:00	14.5	369000.8	28.84	0.35	6.09	1.81
14/07/2023 16:00	14.5	369492.9	30.25	0.17	6.12	1.88
14/07/2023 17:00	14.6	365968.6	30.37	0.09	5.89	1.94
14/07/2023 18:00	14.6	365411.1	31.30	0.40	5.92	1.97
14/07/2023 19:00	14.6	364583.3	30.54	0.49	6.03	1.83
14/07/2023 20:00	14.6	365049.8	32.08	0.71	6.07	1.86
14/07/2023 21:00	14.6	366412.3	33.52	1.00	6.16	1.88
14/07/2023 22:00	14.7	368955.3	34.97	1.09	6.37	1.89
14/07/2023 23:00	14.6	354246.6	30.44	0.70	5.86	1.71
15/07/2023 00:00	14.5	377431.7	31.60	1.14	6.60	1.79
15/07/2023 01:00	14.5	377940.9	31.03	1.16	6.55	1.79
15/07/2023 02:00	14.5	378290.7	31.97	1.40	6.60	1.86
15/07/2023 03:00	14.6	378137.1	34.68	1.58	6.62	1.97
15/07/2023 04:00	14.6	377622.3	34.29	1.64	6.56	1.91
15/07/2023 05:00	14.6	377559.7	32.59	1.36	6.61	1.77
15/07/2023 06:00	14.6	377790.1	32.18	1.34	6.62	1.86
15/07/2023 07:00	14.6	377323.6	33.80	1.71	6.52	2.04
15/07/2023 08:00	14.5	357156.5	30.83	1.28	5.49	1.92
15/07/2023 09:00	14.5	328504.4	31.62	1.00	4.56	1.82
15/07/2023 10:00	14.6	370221.0	33.13	1.15	5.71	1.91
15/07/2023 11:00	14.7	369757.4	33.74	1.13	5.69	1.93
15/07/2023 12:00	14.7	367621.2	32.96	0.69	5.72	1.89
15/07/2023 13:00	14.6	367661.0	33.26	0.51	5.83	1.86
15/07/2023 14:00	14.6	367780.5	33.77	0.26	5.73	1.94
15/07/2023 15:00	14.6	367959.7	30.84	0.15	5.74	1.65
15/07/2023 16:00	14.6	368346.6	30.83	0.04	5.77	1.66
15/07/2023 17:00	14.7	364998.6	30.54	0.24	5.76	1.71
15/07/2023 18:00	14.6	359830.3	30.07	0.31	5.56	1.79
15/07/2023 19:00	14.6	360953.8	31.28	0.95	5.66	1.94
15/07/2023 20:00	14.6	362250.9	30.78	0.60	5.81	1.83
15/07/2023 21:00	14.6	361903.9	31.87	0.88	5.94	1.94
15/07/2023 22:00	14.6	365089.7	32.29	1.06	6.08	1.97
15/07/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down
16/07/2023 18:00	14.6	331389.8	33.45	1.88	5.06	2.30
16/07/2023 19:00	14.6	355370.2	32.11	1.78	5.48	2.09
16/07/2023 20:00	14.6	356806.6	32.65	1.72	5.60	2.07
16/07/2023 21:00	14.6	357011.4	32.98	1.61	5.78	2.03
16/07/2023 22:00	14.6	337276.7	32.32	1.62	5.35	2.02
16/07/2023 23:00	14.5	341088.3	31.55	1.72	5.24	2.05
17/07/2023 00:00	14.5	339264.9	31.61	1.79	5.25	2.05
17/07/2023 01:00	14.5	338813.9	31.26	1.70	5.29	2.00
17/07/2023 02:00	14.5	337555.4	30.90	1.69	5.18	2.00
17/07/2023 03:00	14.5	334327.0	30.77	1.78	5.11	2.08
17/07/2023 04:00	14.5	333010.0	30.50	1.82	5.08	2.08
17/07/2023 05:00	14.5	331932.0	30.03	1.77	5.04	2.05

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/07/2023 06:00	14.5	334665.5	30.62	1.84	5.25	2.08
17/07/2023 07:00	14.5	348725.6	31.38	1.88	5.89	2.12
17/07/2023 08:00	14.6	358519.0	32.43	1.80	6.09	2.06
17/07/2023 09:00	14.5	322711.7	33.79	1.50	5.14	1.92
17/07/2023 10:00	14.6	370147.1	33.66	1.45	6.06	1.94
17/07/2023 11:00	14.6	368269.8	34.06	1.33	5.87	1.97
17/07/2023 12:00	14.6	367911.3	33.57	1.15	5.72	1.97
17/07/2023 13:00	14.6	367345.3	34.09	1.19	5.83	1.91
17/07/2023 14:00	14.6	366597.2	31.92	1.01	5.91	1.88
17/07/2023 15:00	14.5	366907.3	29.71	0.87	5.85	1.89
17/07/2023 16:00	14.6	367496.1	32.68	0.88	5.76	1.97
17/07/2023 17:00	14.6	364956.0	31.92	0.84	5.88	1.92
17/07/2023 18:00	14.6	364927.5	33.01	1.04	5.76	1.88
17/07/2023 19:00	14.6	361858.4	31.84	0.95	5.91	1.85
17/07/2023 20:00	14.6	361582.5	32.53	1.13	5.97	1.88
17/07/2023 21:00	14.6	362350.5	31.36	0.88	6.01	1.72
17/07/2023 22:00	14.6	364717.0	32.71	0.95	6.18	1.81
17/07/2023 23:00	14.6	344427.5	32.83	0.99	5.71	1.89
18/07/2023 00:00	14.6	353652.2	30.65	0.88	5.94	1.89
18/07/2023 01:00	14.5	354755.8	31.08	1.07	6.23	1.92
18/07/2023 02:00	14.5	353834.2	32.36	1.57	6.18	2.07
18/07/2023 03:00	14.5	351635.4	30.96	1.29	5.85	1.92
18/07/2023 04:00	14.5	352178.7	31.60	1.44	5.70	1.96
18/07/2023 05:00	14.5	344362.2	31.32	1.65	5.46	2.02
18/07/2023 06:00	14.5	345781.6	30.74	1.54	5.50	2.07
18/07/2023 07:00	14.5	353057.7	30.72	1.37	5.59	1.99
18/07/2023 08:00	14.6	360675.1	30.63	1.05	5.57	1.82
18/07/2023 09:00	14.6	329674.8	33.32	0.74	4.86	1.69
18/07/2023 10:00	14.6	370132.9	32.57	0.75	5.67	1.74
18/07/2023 11:00	14.6	368952.4	33.73	1.04	5.62	1.93
18/07/2023 12:00	14.6	368650.9	32.82	0.77	5.73	1.90
18/07/2023 13:00	14.6	367399.3	33.29	0.77	5.86	1.98
18/07/2023 14:00	14.6	366961.3	32.25	0.88	6.03	1.97
18/07/2023 15:00	14.6	368096.3	34.78	1.01	5.99	2.02
18/07/2023 16:00	14.6	366921.5	31.83	0.70	5.85	1.93
18/07/2023 17:00	14.5	363724.3	27.84	0.28	5.83	1.70
18/07/2023 18:00	14.6	364094.1	31.71	0.84	5.92	1.88
18/07/2023 19:00	14.6	362330.6	33.39	1.28	5.92	1.99
18/07/2023 20:00	14.6	362103.0	31.75	0.86	5.89	1.85
18/07/2023 21:00	14.6	363456.9	31.00	0.66	5.96	1.79
18/07/2023 22:00	14.6	365988.5	30.60	0.66	6.20	1.77
18/07/2023 23:00	14.6	348388.3	30.08	0.70	5.79	1.80
19/07/2023 00:00	14.6	356155.3	30.84	1.03	5.98	1.93
19/07/2023 01:00	14.5	356496.6	29.75	0.92	6.23	1.81
19/07/2023 02:00	14.5	354667.6	31.80	1.40	6.25	1.97
19/07/2023 03:00	14.5	353273.8	31.60	1.40	6.25	1.97
19/07/2023 04:00	14.5	352483.1	30.42	1.09	6.24	1.83
19/07/2023 05:00	14.5	347121.3	29.65	1.00	5.78	1.81
19/07/2023 06:00	14.5	347320.4	31.71	1.46	5.59	1.97
19/07/2023 07:00	14.6	356448.3	31.75	1.32	5.85	1.89
19/07/2023 08:00	14.6	363602.0	32.43	1.45	5.95	1.95
19/07/2023 09:00	14.6	354223.9	33.10	1.49	5.58	1.99
19/07/2023 10:00	14.6	370030.5	32.89	1.17	5.80	1.93
19/07/2023 11:00	14.7	368918.3	33.80	1.07	5.63	1.96
19/07/2023 12:00	14.7	366918.6	33.07	0.38	5.52	1.80
19/07/2023 13:00	14.6	371273.5	31.38	0.51	5.65	1.80
19/07/2023 14:00	14.5	371902.1	29.59	0.63	5.78	1.79
19/07/2023 15:00	14.5	372573.4	29.00	0.59	5.74	1.77
19/07/2023 16:00	14.5	368673.7	29.70	0.52	5.68	1.77
19/07/2023 17:00	14.6	366236.0	32.29	1.02	5.77	1.94
19/07/2023 18:00	14.6	360578.4	32.19	1.06	5.71	1.99
19/07/2023 19:00	14.6	361545.5	31.02	0.75	5.78	1.94
19/07/2023 20:00	14.6	363533.8	31.09	0.75	5.86	1.83
19/07/2023 21:00	14.6	364461.0	30.12	0.51	5.86	1.75
19/07/2023 22:00	14.6	364736.9	32.57	1.19	6.06	2.14

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
19/07/2023 23:00	14.6	345920.9	30.87	1.07	5.72	2.10
20/07/2023 00:00	14.6	355816.8	30.47	0.99	5.83	2.02
20/07/2023 01:00	14.6	356505.1	30.67	1.07	5.74	2.08
20/07/2023 02:00	14.5	354892.3	30.90	1.25	6.14	2.08
20/07/2023 03:00	14.5	354562.4	30.82	1.20	6.08	2.03
20/07/2023 04:00	14.5	352562.7	31.54	1.49	5.84	2.12
20/07/2023 05:00	14.5	345841.3	30.41	1.35	5.31	2.07
20/07/2023 06:00	14.5	346441.5	29.82	1.22	5.22	2.02
20/07/2023 07:00	14.5	354909.4	31.01	1.40	5.48	2.03
20/07/2023 08:00	14.6	356416.9	31.00	1.18	5.10	2.01
20/07/2023 09:00	14.6	322785.6	33.56	0.96	4.31	2.10
20/07/2023 10:00	14.6	370505.5	32.94	0.93	5.75	1.95
20/07/2023 11:00	14.6	368466.0	31.69	0.60	5.20	1.87
20/07/2023 12:00	14.7	367208.8	32.99	0.62	5.23	2.09
20/07/2023 13:00	14.6	365607.3	34.02	0.60	5.22	2.33
20/07/2023 14:00	14.7	364987.3	31.91	0.36	4.98	2.00
20/07/2023 15:00	14.7	366583.0	34.54	0.38	5.27	2.05
20/07/2023 16:00	14.7	366927.2	33.68	0.56	5.39	2.63
20/07/2023 17:00	14.6	363431.3	29.72	0.66	5.68	2.22
20/07/2023 18:00	14.6	360376.4	29.93	0.55	6.09	1.98
20/07/2023 19:00	14.6	359964.0	29.40	0.59	6.39	1.87
20/07/2023 20:00	14.6	361098.9	30.65	1.03	6.48	2.06
20/07/2023 21:00	14.6	361471.5	30.49	1.07	6.52	1.99
20/07/2023 22:00	14.6	364461.0	29.93	0.92	6.73	1.86
20/07/2023 23:00	14.5	346461.4	29.43	1.09	6.29	1.98
21/07/2023 00:00	14.5	355489.7	30.31	1.42	6.36	2.07
21/07/2023 01:00	14.5	357204.9	29.52	1.13	6.41	1.94
21/07/2023 02:00	14.5	355856.6	29.65	1.11	6.39	1.94
21/07/2023 03:00	14.5	353049.1	29.09	1.09	6.14	1.94
21/07/2023 04:00	14.5	353012.2	25.34	0.44	6.29	1.61
21/07/2023 05:00	14.5	347639.0	27.78	0.85	5.92	1.87
21/07/2023 06:00	14.5	347971.8	28.93	1.07	5.96	2.00
21/07/2023 07:00	14.5	354275.1	30.46	1.31	5.87	2.09
21/07/2023 08:00	14.6	356260.5	31.26	1.29	6.05	2.06
21/07/2023 09:00	14.6	323053.0	34.88	1.25	4.95	2.02
21/07/2023 10:00	14.6	370070.3	33.29	1.11	5.75	1.99
21/07/2023 11:00	14.7	368747.6	33.60	0.91	5.49	2.03
21/07/2023 12:00	14.7	366659.8	33.40	0.60	5.29	2.28
21/07/2023 13:00	14.6	367277.0	34.14	0.35	5.55	2.19
21/07/2023 14:00	14.6	368258.4	30.51	0.04	5.87	2.05
21/07/2023 15:00	14.6	366187.6	32.24	0.00	5.42	2.09
21/07/2023 16:00	14.5	367351.0	24.47	0.00	5.27	1.83
21/07/2023 17:00	14.6	364398.5	27.76	0.04	5.52	2.19
21/07/2023 18:00	14.7	364845.0	27.06	0.00	5.79	1.98
21/07/2023 19:00	14.7	362262.3	26.68	0.00	5.71	1.95
21/07/2023 20:00	14.7	362990.5	28.76	0.11	6.07	1.90
21/07/2023 21:00	14.7	364261.9	30.38	0.49	6.86	2.09
21/07/2023 22:00	14.6	368804.5	30.99	0.89	6.78	2.08
21/07/2023 23:00	14.6	349446.5	30.26	0.59	6.24	1.93
22/07/2023 00:00	14.5	356806.6	28.48	0.57	6.48	1.72
22/07/2023 01:00	14.5	352821.6	29.36	0.82	10.48	1.82
22/07/2023 02:00	14.5	352198.6	28.94	0.91	7.68	1.94
22/07/2023 03:00	14.5	350492.0	25.62	0.56	6.55	1.57
22/07/2023 04:00	14.5	349155.1	29.92	1.38	6.31	1.95
22/07/2023 05:00	14.5	343565.8	29.57	1.49	6.96	1.96
22/07/2023 06:00	14.5	341944.4	28.92	1.40	6.51	2.00
22/07/2023 07:00	14.5	348512.3	27.65	1.13	5.94	1.84
22/07/2023 08:00	14.5	344387.8	27.47	0.92	5.93	1.83
22/07/2023 09:00	14.6	319222.9	33.35	1.02	4.80	2.63
22/07/2023 10:00	14.6	371048.8	30.72	0.95	5.27	2.70
22/07/2023 11:00	14.6	368483.1	29.99	0.49	5.19	2.22
22/07/2023 12:00	14.6	366460.7	30.00	0.51	5.33	2.15
22/07/2023 13:00	14.6	366898.7	32.02	0.60	5.72	2.14
22/07/2023 14:00	14.6	366469.2	31.98	0.48	5.59	2.11
22/07/2023 15:00	14.6	367709.4	30.85	0.37	5.68	2.15

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
22/07/2023 16:00	14.6	368303.9	30.90	0.64	5.86	2.13
22/07/2023 17:00	14.5	359557.2	28.93	0.70	6.54	1.94
22/07/2023 18:00	14.5	353694.8	26.39	0.50	7.45	1.78
22/07/2023 19:00	14.5	354084.5	26.05	0.61	7.56	1.75
22/07/2023 20:00	14.5	354630.6	27.89	0.85	7.73	1.93
22/07/2023 21:00	14.5	355466.9	28.76	1.00	6.71	2.03
22/07/2023 22:00	14.5	358024.1	28.00	0.85	7.15	1.92
22/07/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down
23/07/2023 18:00	14.5	334326.9	33.11	1.46	6.72	2.09
23/07/2023 19:00	14.5	357426.7	31.56	1.46	7.06	2.12
23/07/2023 20:00	14.5	358018.4	31.11	1.50	6.50	2.18
23/07/2023 21:00	14.5	360188.7	30.99	1.54	7.02	2.04
23/07/2023 22:00	14.5	340126.7	31.32	1.53	7.46	1.99
23/07/2023 23:00	14.4	341278.8	29.22	1.48	8.89	2.02
24/07/2023 00:00	14.4	339882.2	29.17	1.50	10.59	2.07
24/07/2023 01:00	14.4	338862.3	29.52	1.60	8.64	2.06
24/07/2023 02:00	14.4	337467.3	29.04	1.58	7.50	2.11
24/07/2023 03:00	14.4	336303.9	28.59	1.54	6.85	2.16
24/07/2023 04:00	14.4	337544.1	28.65	1.56	6.53	2.16
24/07/2023 05:00	14.4	335513.1	28.57	1.58	6.77	2.14
24/07/2023 06:00	14.4	336551.3	28.64	1.56	7.22	2.12
24/07/2023 07:00	14.5	348190.8	29.29	1.51	7.43	2.07
24/07/2023 08:00	14.5	362057.5	31.32	1.53	7.12	2.12
24/07/2023 09:00	14.5	329987.8	33.93	1.40	6.00	2.25
24/07/2023 10:00	14.6	372618.9	32.35	1.23	6.47	2.07
24/07/2023 11:00	14.6	369117.4	32.33	1.01	5.94	2.02
24/07/2023 12:00	14.6	370562.4	33.63	1.04	5.94	2.06
24/07/2023 13:00	14.6	369865.5	30.89	0.48	6.16	1.84
24/07/2023 14:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
24/07/2023 15:00	14.8	369797.2	54.48	0.66	6.41	3.46
24/07/2023 16:00	15.0	371051.6	55.25	0.70	6.90	3.73
24/07/2023 17:00	15.0	371589.2	55.01	0.52	7.00	3.83
24/07/2023 18:00	15.0	368170.2	52.04	0.26	7.40	3.53
24/07/2023 19:00	15.0	366125.0	52.66	0.26	7.30	3.63
24/07/2023 20:00	15.0	365960.1	53.18	0.07	7.47	3.64
24/07/2023 21:00	15.0	365760.9	51.86	0.05	7.18	3.70
24/07/2023 22:00	14.9	367405.0	54.65	0.09	6.87	3.75
24/07/2023 23:00	14.9	348879.2	50.81	0.02	6.56	3.38
25/07/2023 00:00	14.9	356690.0	53.73	0.18	7.26	3.64
25/07/2023 01:00	14.9	357554.7	54.82	0.23	7.43	3.66
25/07/2023 02:00	14.9	355714.4	52.84	0.18	7.38	3.45
25/07/2023 03:00	14.9	354095.9	53.12	0.02	7.40	3.29
25/07/2023 04:00	14.9	351962.6	54.80	0.30	7.21	3.65
25/07/2023 05:00	14.9	346831.2	55.05	0.30	7.31	3.70
25/07/2023 06:00	14.9	346902.3	52.04	0.07	7.26	3.45
25/07/2023 07:00	14.9	356653.0	54.47	0.16	7.39	3.58
25/07/2023 08:00	14.9	361579.6	53.93	0.07	6.55	3.46

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

Date & Time	Actual Operation Condition		Emission Concentration for Standardization Comparison			
	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/07/2023 09:00	14.9	328623.9	55.46	0.02	5.44	3.44
25/07/2023 10:00	15.0	373219.1	56.47	0.00	6.41	3.42
25/07/2023 11:00	15.0	373344.3	55.11	0.00	6.38	3.39
25/07/2023 12:00	15.0	370204.0	54.21	0.00	6.56	3.61
25/07/2023 13:00	14.9	371287.7	53.84	0.00	6.68	3.39
25/07/2023 14:00	14.9	370437.2	54.20	0.00	6.94	3.31
25/07/2023 15:00	14.9	369950.8	55.74	0.00	6.90	3.17
25/07/2023 16:00	14.9	368514.4	54.35	0.00	6.72	3.50
25/07/2023 17:00	15.0	372283.3	56.12	0.00	6.70	3.53
25/07/2023 18:00	15.1	369734.6	55.22	0.00	6.85	3.48
25/07/2023 19:00	15.0	367308.3	54.49	0.00	6.82	3.30
25/07/2023 20:00	15.0	365857.7	54.73	0.00	6.66	3.97
25/07/2023 21:00	15.0	366315.6	54.17	0.00	6.75	3.82
25/07/2023 22:00	15.0	368588.3	55.67	0.00	6.94	3.80
25/07/2023 23:00	14.9	350315.6	54.41	0.05	6.44	3.89
26/07/2023 00:00	14.9	358686.8	53.99	0.00	6.61	3.63
26/07/2023 01:00	14.9	359050.9	52.79	0.00	6.54	3.43
26/07/2023 02:00	14.9	356917.6	52.12	0.00	6.57	3.41
26/07/2023 03:00	14.9	355785.5	55.46	0.12	6.47	3.67
26/07/2023 04:00	14.9	354630.6	53.86	0.16	6.32	3.64
26/07/2023 05:00	14.9	348062.8	55.16	0.25	6.15	3.84
26/07/2023 06:00	14.9	346947.8	52.25	0.09	6.12	3.46
26/07/2023 07:00	14.9	354670.5	55.16	0.09	6.34	3.57
26/07/2023 08:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
26/07/2023 09:00	15.0	329297.8	51.85	2.53	5.70	2.84
26/07/2023 10:00	15.1	374211.8	50.08	2.43	6.35	2.81
26/07/2023 11:00	14.9	371412.9	50.11	2.39	6.37	2.30
26/07/2023 12:00	14.7	370283.6	49.25	1.79	5.85	1.16
26/07/2023 13:00	14.7	369911.0	49.52	1.60	6.15	1.18
26/07/2023 14:00	14.6	369851.3	45.30	1.48	6.53	1.13
26/07/2023 15:00	14.6	373099.6	44.33	1.53	6.46	1.15
26/07/2023 16:00	14.6	372772.5	44.48	1.51	6.51	1.20
26/07/2023 17:00	14.7	369677.8	48.86	1.52	6.42	1.30
26/07/2023 18:00	14.7	368147.4	48.31	1.44	6.36	1.24
26/07/2023 19:00	14.7	367988.2	47.80	1.37	6.32	1.33
26/07/2023 20:00	14.7	368349.4	47.97	1.32	6.47	1.32
26/07/2023 21:00	14.7	367470.5	48.08	1.37	6.54	1.34
26/07/2023 22:00	14.7	369606.6	48.31	1.41	6.66	1.25
26/07/2023 23:00	14.6	350615.7	47.80	1.49	6.07	1.24
27/07/2023 00:00	14.6	359562.9	46.89	1.44	6.25	1.29
27/07/2023 01:00	14.6	359255.7	46.92	1.51	6.15	1.28
27/07/2023 02:00	14.6	356826.6	46.66	1.61	6.09	1.24
27/07/2023 03:00	14.6	355117.0	46.00	1.56	6.12	1.17
27/07/2023 04:00	14.6	354650.6	45.80	1.63	6.01	1.19
27/07/2023 05:00	14.6	349402.6	45.38	1.41	5.93	1.17
27/07/2023 06:00	14.6	349248.9	43.07	0.66	5.79	1.06
27/07/2023 07:00	14.6	356334.5	43.72	0.42	5.90	1.09
27/07/2023 08:00	14.7	363846.6	44.24	0.20	5.99	1.02
27/07/2023 09:00	14.6	332998.4	46.85	0.02	5.28	0.87
27/07/2023 10:00	14.7	371828.2	44.27	0.00	6.02	0.85
27/07/2023 11:00	14.7	370206.8	43.75	0.00	5.76	0.74
27/07/2023 12:00	14.7	368807.3	43.42	0.00	5.91	0.69
27/07/2023 13:00	14.6	368278.3	41.28	0.00	6.20	0.66
27/07/2023 14:00	14.7	366784.9	43.75	0.00	6.16	0.62
27/07/2023 15:00	14.7	370186.9	42.57	0.00	6.28	0.67
27/07/2023 16:00	14.6	368528.6	39.13	0.00	6.33	0.64
27/07/2023 17:00	14.7	366272.9	39.40	0.62	6.25	0.80
27/07/2023 18:00	14.7	365422.5	41.79	1.67	6.39	1.22
27/07/2023 19:00	14.7	361605.2	39.14	1.14	6.32	1.12
27/07/2023 20:00	14.7	360902.6	40.14	1.47	6.27	1.32
27/07/2023 21:00	14.7	360857.1	38.34	1.07	6.28	1.07
27/07/2023 22:00	14.6	364105.5	34.63	0.47	6.38	0.86
27/07/2023 23:00	14.6	341298.7	33.89	0.66	5.96	1.07
28/07/2023 00:00	14.6	345849.8	37.58	1.67	5.81	1.36
28/07/2023 01:00	14.5	343605.6	35.45	1.44	5.77	1.18

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/07/2023 02:00	14.5	337273.8	34.77	1.33	5.56	1.15
28/07/2023 03:00	14.5	331474.0	37.18	2.02	5.34	1.35
28/07/2023 04:00	14.5	324832.3	34.37	1.53	5.23	1.30
28/07/2023 05:00	14.4	314910.8	33.11	1.48	5.03	1.25
28/07/2023 06:00	14.4	310206.1	33.54	1.65	5.09	1.33
28/07/2023 07:00	14.4	303040.9	30.33	1.16	4.88	1.07
28/07/2023 08:00	14.5	300791.0	34.24	1.68	4.53	1.23
28/07/2023 09:00	14.5	302014.1	34.31	1.51	4.32	1.23
28/07/2023 10:00	14.5	300728.4	31.73	0.97	4.21	1.04
28/07/2023 11:00	14.5	300247.7	34.21	1.26	4.22	1.21
28/07/2023 12:00	14.5	299712.9	32.13	0.84	4.27	1.04
28/07/2023 13:00	14.5	302031.2	35.85	1.60	4.20	1.30
28/07/2023 14:00	14.5	301550.5	35.48	1.34	4.49	1.28
28/07/2023 15:00	14.4	300190.8	32.12	0.77	4.41	1.08
28/07/2023 16:00	14.4	299203.8	27.39	0.06	4.33	0.79
28/07/2023 17:00	14.5	283843.1	31.44	0.04	4.45	0.67
28/07/2023 18:00	14.6	317605.1	31.69	0.02	5.41	0.62
28/07/2023 19:00	14.7	338548.2	33.78	0.20	5.67	0.98
28/07/2023 20:00	14.7	339219.4	36.24	0.67	5.81	1.20
28/07/2023 21:00	14.6	339535.2	34.57	0.60	5.91	1.15
28/07/2023 22:00	14.6	311259.9	37.89	1.32	5.48	1.36
28/07/2023 23:00	14.5	292601.8	32.07	1.06	5.00	1.34
29/07/2023 00:00	14.5	291304.8	32.71	1.47	5.15	1.40
29/07/2023 01:00	14.4	290915.1	33.28	1.74	5.13	1.44
29/07/2023 02:00	14.4	290380.3	31.79	1.50	5.06	1.33
29/07/2023 03:00	14.4	289191.3	29.00	1.07	5.19	1.07
29/07/2023 04:00	14.4	287746.4	31.92	1.80	5.33	1.27
29/07/2023 05:00	14.5	285476.5	34.84	2.44	5.22	1.45
29/07/2023 06:00	14.4	288121.8	30.40	1.61	5.06	1.23
29/07/2023 07:00	14.4	293187.8	32.20	1.80	4.91	1.33
29/07/2023 08:00	14.4	299428.5	33.45	1.87	4.75	1.33
29/07/2023 09:00	14.5	325623.0	31.77	1.00	5.15	0.96
29/07/2023 10:00	14.6	347778.4	39.35	2.17	5.58	1.35
29/07/2023 11:00	14.6	343764.9	38.45	1.81	5.39	1.28
29/07/2023 12:00	14.6	342009.8	38.05	1.42	5.27	1.22
29/07/2023 13:00	14.6	344174.5	35.62	0.95	5.59	0.99
29/07/2023 14:00	14.6	345445.9	37.21	1.31	5.87	1.26
29/07/2023 15:00	14.6	345013.6	33.28	0.66	5.77	0.95
29/07/2023 16:00	14.6	344749.0	36.25	1.13	5.65	1.17
29/07/2023 17:00	14.7	339489.7	37.34	1.09	5.63	1.27
29/07/2023 18:00	14.6	338144.3	34.89	0.62	5.75	1.08
29/07/2023 19:00	14.6	337043.4	35.82	1.10	5.79	1.19
29/07/2023 20:00	14.6	333189.2	37.91	1.62	5.74	1.47
29/07/2023 21:00	14.5	333797.9	35.87	1.40	5.74	1.35
29/07/2023 22:00	14.5	336016.6	36.08	1.38	5.92	1.33
29/07/2023 23:00	14.5	301008.2	37.38	1.49	5.56	1.36
30/07/2023 00:00	14.4	297377.7	32.98	1.47	5.18	1.36
30/07/2023 01:00	14.4	298245.2	31.65	1.36	5.36	1.30
30/07/2023 02:00	14.4	297198.5	31.55	1.34	5.32	1.19
30/07/2023 03:00	14.4	296393.5	32.08	1.53	5.34	1.23
30/07/2023 04:00	14.4	295753.5	29.95	1.13	5.23	1.06
30/07/2023 05:00	14.4	292951.7	33.65	2.11	5.32	1.43
30/07/2023 06:00	14.4	293654.3	29.91	1.22	5.37	1.17
30/07/2023 07:00	14.4	296888.4	30.95	1.41	5.29	1.31
30/07/2023 08:00	14.5	304187.3	32.92	1.73	5.53	1.43
30/07/2023 09:00	14.5	307939.1	31.97	1.26	5.15	1.19
30/07/2023 10:00	14.5	305626.6	32.82	1.36	4.76	1.25
30/07/2023 11:00	14.4	302301.4	33.80	1.52	4.99	1.31
30/07/2023 12:00	14.4	304619.6	29.71	0.73	5.16	0.94
30/07/2023 13:00	14.4	304832.9	34.10	1.64	4.91	1.29
30/07/2023 14:00	14.4	303501.8	29.37	0.69	4.81	0.92
30/07/2023 15:00	14.5	305470.1	34.28	1.45	4.90	1.36
30/07/2023 16:00	14.5	308425.5	33.92	1.19	5.04	1.34
30/07/2023 17:00	14.5	293291.2	36.04	1.24	5.03	1.26
30/07/2023 18:00	14.6	313065.3	38.47	0.92	5.87	1.30

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/07/2023 00:00-31/07/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
30/07/2023 19:00	14.5	334403.8	36.04	1.38	6.23	1.40
30/07/2023 20:00	14.5	334056.8	34.26	1.27	5.85	1.20
30/07/2023 21:00	14.5	335001.1	32.59	1.11	6.51	1.15
30/07/2023 22:00	14.5	315748.3	35.35	1.24	6.66	1.22
30/07/2023 23:00	14.4	313753.1	32.44	1.46	6.62	1.37
31/07/2023 00:00	14.4	314615.0	32.03	1.50	6.69	1.42
31/07/2023 01:00	14.4	313477.4	31.61	1.39	6.60	1.29
31/07/2023 02:00	14.4	311986.7	29.55	1.05	6.59	1.11
31/07/2023 03:00	14.4	310470.6	29.91	1.07	6.90	1.15
31/07/2023 04:00	14.3	306980.5	30.17	1.10	8.05	1.06
31/07/2023 05:00	14.3	302173.4	31.72	1.33	9.37	1.16
31/07/2023 06:00	14.3	304224.3	34.71	2.11	7.27	1.37
31/07/2023 07:00	14.4	315983.2	29.87	1.04	7.23	1.02
31/07/2023 08:00	14.4	317883.3	32.07	1.48	6.82	1.20
31/07/2023 09:00	14.6	301046.9	39.79	1.34	7.14	0.88
31/07/2023 10:00	14.5	343443.4	33.90	1.40	7.28	1.20
31/07/2023 11:00	14.6	344308.2	36.82	1.65	6.88	1.36
31/07/2023 12:00	14.6	339353.1	37.49	1.41	6.43	1.30
31/07/2023 13:00	14.6	342217.5	37.35	1.08	6.11	1.28
31/07/2023 14:00	14.6	341770.9	36.36	0.90	6.55	1.19
31/07/2023 15:00	14.6	343716.5	35.18	0.55	6.39	1.12
31/07/2023 16:00	14.6	346424.4	37.98	1.13	6.46	1.28
31/07/2023 17:00	14.6	346216.8	36.34	0.84	6.68	1.22
31/07/2023 18:00	14.6	342803.4	34.37	0.66	6.64	1.10
31/07/2023 19:00	14.6	340300.3	35.79	1.25	6.54	1.27
31/07/2023 20:00	14.6	339077.2	37.91	1.82	6.62	1.47
31/07/2023 21:00	14.5	338041.8	34.19	1.18	6.85	1.20
31/07/2023 22:00	14.5	338707.4	32.32	0.87	7.11	1.09
31/07/2023 23:00	14.5	318248.4	34.88	1.28	6.88	1.22
Minimum	14.30	283,843.10	24.47	0.00	3.51	0.62
Maximum	15.06	379,715.80	56.47	3.89	10.59	3.97
Avg	14.57	355,530.76	34.15	1.25	6.12	1.93
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/08/2023 00:00	14.6	300517.9	28.31	1.35	5.75	1.44
01/08/2023 01:00	14.6	301311.5	29.26	1.37	5.41	1.42
01/08/2023 02:00	14.6	300188.0	29.55	1.44	5.40	1.44
01/08/2023 03:00	14.6	298569.5	28.90	1.50	5.75	1.52
01/08/2023 04:00	14.6	297408.9	28.11	1.41	6.49	1.54
01/08/2023 05:00	14.6	293190.6	28.33	1.60	6.75	1.53
01/08/2023 06:00	14.6	294547.4	28.37	1.56	6.59	1.54
01/08/2023 07:00	14.7	272724.6	29.15	1.58	6.57	1.42
01/08/2023 08:00	14.7	321791.5	26.93	1.50	5.86	1.48
01/08/2023 09:00	14.8	323378.7	30.04	1.43	5.66	1.68
01/08/2023 10:00	14.8	323401.5	31.16	1.34	5.69	1.75
01/08/2023 11:00	14.8	321885.4	31.16	1.18	5.44	2.09
01/08/2023 12:00	14.7	319538.7	30.60	1.04	5.30	2.21
01/08/2023 13:00	14.8	323654.6	31.66	0.93	5.47	2.12
01/08/2023 14:00	14.8	324434.0	31.94	0.86	5.54	1.76
01/08/2023 15:00	14.8	325142.3	31.78	0.84	5.65	1.74
01/08/2023 16:00	14.8	326521.8	31.87	0.86	5.58	1.56
01/08/2023 17:00	14.7	327642.6	31.20	0.72	5.47	1.40
01/08/2023 18:00	14.7	327622.6	30.22	0.92	5.66	1.48
01/08/2023 19:00	14.7	324880.6	30.29	1.03	5.49	1.35
01/08/2023 20:00	14.7	324158.1	30.29	1.17	5.49	1.37
01/08/2023 21:00	14.7	325432.4	29.53	1.05	5.60	1.43
01/08/2023 22:00	14.7	326647.0	29.57	1.10	5.54	1.46
01/08/2023 23:00	14.7	327842.8	31.73	1.17	5.50	1.73
02/08/2023 00:00	14.8	356789.6	38.37	1.36	5.78	2.06
02/08/2023 01:00	14.8	357165.0	38.84	1.41	5.76	2.11
02/08/2023 02:00	14.8	357068.3	38.59	1.45	5.94	1.79
02/08/2023 03:00	14.8	358746.6	36.77	1.48	5.95	1.66
02/08/2023 04:00	14.8	358251.6	35.61	1.52	5.91	1.41
02/08/2023 05:00	14.8	358649.8	35.43	1.59	5.95	1.45
02/08/2023 06:00	14.8	358405.2	35.58	1.55	5.85	1.41
02/08/2023 07:00	14.7	281953.6	31.04	1.51	5.56	1.46
02/08/2023 08:00	14.8	345684.9	31.07	1.34	5.95	1.41
02/08/2023 09:00	14.8	349883.3	33.05	1.40	6.17	1.35
02/08/2023 10:00	14.9	349186.4	33.06	1.22	6.15	1.38
02/08/2023 11:00	14.9	344680.8	33.80	1.18	6.00	1.44
02/08/2023 12:00	14.9	343830.3	33.19	0.99	5.95	1.68
02/08/2023 13:00	14.9	348884.9	34.55	0.99	5.84	1.79
02/08/2023 14:00	14.8	350955.6	34.60	0.98	5.86	1.65
02/08/2023 15:00	14.8	349311.5	33.41	1.07	5.90	1.37
02/08/2023 16:00	14.8	348361.5	31.81	1.02	5.80	1.41
02/08/2023 17:00	14.8	345810.0	30.96	1.20	5.76	1.33
02/08/2023 18:00	14.7	343321.1	30.73	1.08	6.18	1.31
02/08/2023 19:00	14.7	342425.1	30.05	1.19	6.24	1.40
02/08/2023 20:00	14.7	345957.9	29.90	1.24	7.41	1.42
02/08/2023 21:00	14.7	346398.8	29.81	1.33	8.00	1.46
02/08/2023 22:00	14.7	347283.4	29.69	1.31	8.36	1.44
02/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/08/2023 07:00	14.2	209135.4	29.21	3.85	6.81	2.61
03/08/2023 08:00	14.8	354240.9	34.24	1.91	6.03	3.07
03/08/2023 09:00	14.9	353746.0	37.36	1.91	5.97	2.11
03/08/2023 10:00	14.9	352204.3	38.36	1.80	5.85	1.93
03/08/2023 11:00	14.9	351635.4	37.91	1.56	5.72	1.88
03/08/2023 12:00	14.8	348298.9	37.03	1.51	5.72	1.81
03/08/2023 13:00	14.8	350534.6	37.68	1.42	5.65	1.85
03/08/2023 14:00	14.8	351598.5	38.72	1.25	5.59	1.79
03/08/2023 15:00	14.8	350736.6	37.59	1.29	5.72	1.73
03/08/2023 16:00	14.8	350745.1	37.57	1.34	5.49	1.88
03/08/2023 17:00	14.8	343215.9	34.98	1.34	5.70	2.17

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/08/2023 18:00	14.7	337965.0	33.49	1.60	5.89	1.60
03/08/2023 19:00	14.7	338536.8	32.61	1.71	5.78	1.29
03/08/2023 20:00	14.8	339819.6	31.81	1.61	5.75	1.34
03/08/2023 21:00	14.8	340542.1	31.26	1.65	6.94	1.40
03/08/2023 22:00	14.8	343503.2	31.52	1.72	7.44	1.41
03/08/2023 23:00	14.7	340328.7	31.70	1.62	7.69	1.44
04/08/2023 00:00	14.8	357836.3	32.67	1.87	7.80	1.41
04/08/2023 01:00	14.8	357253.2	32.06	1.79	8.07	1.45
04/08/2023 02:00	14.8	356755.4	31.65	1.74	8.38	1.43
04/08/2023 03:00	14.8	356513.7	31.57	1.76	8.70	1.40
04/08/2023 04:00	14.8	355896.4	31.51	1.94	8.57	1.49
04/08/2023 05:00	14.8	356786.7	31.44	1.97	8.24	1.49
04/08/2023 06:00	14.8	356786.7	31.11	1.81	8.06	1.54
04/08/2023 07:00	14.7	301292.1	29.82	1.84	6.19	1.57
04/08/2023 08:00	14.8	348719.9	32.84	1.81	6.09	1.69
04/08/2023 09:00	14.9	353797.2	35.70	1.59	6.03	1.96
04/08/2023 10:00	14.9	353808.6	36.40	1.55	5.97	2.10
04/08/2023 11:00	14.9	350144.9	35.64	1.50	5.83	1.94
04/08/2023 12:00	14.9	348426.9	35.24	1.31	5.67	1.95
04/08/2023 13:00	14.9	350867.4	36.07	1.15	5.84	1.72
04/08/2023 14:00	14.8	352941.0	39.53	1.10	5.71	1.78
04/08/2023 15:00	14.8	353950.8	37.02	1.10	5.64	1.65
04/08/2023 16:00	14.8	352505.8	36.81	1.24	5.80	1.65
04/08/2023 17:00	14.8	348344.4	35.81	1.26	5.82	1.90
04/08/2023 18:00	14.8	343104.9	35.05	1.28	5.67	2.01
04/08/2023 19:00	14.8	341415.3	34.64	1.26	5.76	1.99
04/08/2023 20:00	14.8	342735.2	34.46	1.51	5.84	2.04
04/08/2023 21:00	14.8	342169.1	33.98	1.44	5.79	1.88
04/08/2023 22:00	14.8	345704.8	34.02	1.47	5.83	1.97
04/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/08/2023 08:00	14.8	344945.3	33.83	1.90	5.78	2.27
05/08/2023 09:00	14.9	343833.1	37.14	1.71	5.65	2.11
05/08/2023 10:00	14.9	341938.7	37.41	1.76	5.64	1.90
05/08/2023 11:00	14.9	341153.7	37.13	1.53	5.55	2.07
05/08/2023 12:00	14.9	339492.5	36.34	1.34	5.59	2.10
05/08/2023 13:00	14.9	342547.4	36.84	1.20	5.82	1.80
05/08/2023 14:00	14.9	342780.7	36.40	1.11	5.86	1.96
05/08/2023 15:00	14.9	344749.0	37.13	1.22	5.86	2.08
05/08/2023 16:00	14.9	344345.1	36.58	1.11	5.79	1.87
05/08/2023 17:00	14.8	339034.6	34.54	1.10	5.69	1.58
05/08/2023 18:00	14.8	337751.7	32.10	1.15	5.55	1.90
05/08/2023 19:00	14.8	337285.2	32.21	1.47	5.79	1.47
05/08/2023 20:00	14.8	338229.6	31.66	1.49	5.88	1.31
05/08/2023 21:00	14.8	339722.9	31.43	1.52	5.71	1.61
05/08/2023 22:00	14.8	343511.7	32.32	1.57	5.73	1.99
05/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/08/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/08/2023 17:00	14.1	227874.1	27.98	1.19	5.03	5.48
06/08/2023 18:00	14.7	332207.9	30.66	1.51	5.58	3.15
06/08/2023 19:00	14.8	334691.1	33.68	1.36	5.63	2.13
06/08/2023 20:00	14.8	334765.0	33.71	1.50	5.62	1.91
06/08/2023 21:00	14.8	335430.6	32.77	1.45	5.84	1.86
06/08/2023 22:00	14.8	333613.0	31.92	1.45	5.73	1.70
06/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/08/2023 08:00	14.8	352969.5	35.41	2.03	6.13	1.71
07/08/2023 09:00	14.9	352702.1	38.64	1.80	6.05	1.68
07/08/2023 10:00	14.9	351382.3	38.29	1.59	5.90	1.94
07/08/2023 11:00	14.9	349743.9	37.99	1.50	5.78	2.12
07/08/2023 12:00	14.8	347374.5	36.91	1.33	5.69	1.93
07/08/2023 13:00	14.8	350443.6	38.72	1.36	5.60	1.89
07/08/2023 14:00	14.8	350548.9	39.52	1.27	5.71	1.70
07/08/2023 15:00	14.8	350810.6	39.29	1.25	5.63	1.66
07/08/2023 16:00	14.8	350628.5	38.08	1.27	5.57	1.84
07/08/2023 17:00	14.8	348404.2	35.67	1.28	5.73	1.92
07/08/2023 18:00	14.8	345275.3	34.42	1.43	5.57	1.82
07/08/2023 19:00	14.8	344146.0	33.27	1.43	5.61	1.82
07/08/2023 20:00	14.8	345556.9	32.54	1.41	5.78	1.79
07/08/2023 21:00	14.8	345246.8	32.96	1.52	5.76	1.91
07/08/2023 22:00	14.8	345869.8	33.85	1.51	5.77	1.99
07/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/08/2023 07:00	16.2	207182.9	44.30	5.06	9.70	230.77
08/08/2023 08:00	14.8	351594.2	36.75	1.90	5.84	1.85
08/08/2023 09:00	14.9	355299.1	40.03	1.67	5.83	1.85
08/08/2023 10:00	14.9	353322.2	40.96	1.59	5.69	2.07
08/08/2023 11:00	14.9	351774.8	40.25	1.36	5.70	1.92
08/08/2023 12:00	14.9	351484.7	39.44	1.33	5.64	2.05
08/08/2023 13:00	14.8	352713.5	37.23	1.18	5.70	1.82
08/08/2023 14:00	14.7	350079.5	31.86	1.21	5.67	1.79
08/08/2023 15:00	14.7	352673.7	32.01	1.05	5.65	1.88
08/08/2023 16:00	14.7	350645.6	32.87	1.32	5.92	1.52
08/08/2023 17:00	14.7	345838.5	33.72	1.52	7.31	1.14
08/08/2023 18:00	14.7	343113.5	32.01	1.70	6.68	1.68
08/08/2023 19:00	14.7	343483.3	32.83	1.71	6.25	1.20
08/08/2023 20:00	14.8	345639.3	33.07	1.92	6.35	1.24
08/08/2023 21:00	14.8	345662.1	32.62	1.77	6.68	1.25
08/08/2023 22:00	14.8	345664.9	31.91	1.85	6.74	1.27
08/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/08/2023 07:00	16.2	209026.2	42.88	5.23	10.68	219.95
09/08/2023 08:00	14.9	351305.5	34.68	1.89	6.28	1.33
09/08/2023 09:00	14.9	349061.2	36.93	1.91	6.22	1.42
09/08/2023 10:00	14.9	351905.7	38.99	1.69	6.09	1.74
09/08/2023 11:00	14.9	350947.1	39.86	1.52	5.97	1.91
09/08/2023 12:00	14.9	348318.8	38.01	1.48	5.89	2.03
09/08/2023 13:00	14.8	348270.5	39.69	1.23	5.88	2.17
09/08/2023 14:00	14.8	347619.1	40.56	1.17	5.92	2.03
09/08/2023 15:00	14.8	347306.2	41.42	1.08	5.99	1.86
09/08/2023 16:00	14.8	348526.5	40.83	1.03	5.77	1.76
09/08/2023 17:00	14.7	346031.9	34.72	1.24	5.81	1.13
09/08/2023 18:00	14.8	342359.7	34.94	1.31	6.33	1.31
09/08/2023 19:00	14.8	343130.6	34.19	1.41	6.10	1.34
09/08/2023 20:00	14.8	344456.1	34.05	1.57	6.11	1.16
09/08/2023 21:00	14.8	343648.3	32.88	1.52	6.62	1.29
09/08/2023 22:00	14.8	345181.4	32.34	1.73	6.77	1.68
09/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/08/2023 08:00	14.8	355506.7	36.01	2.02	5.92	2.55
10/08/2023 09:00	14.9	357025.7	39.01	1.85	5.86	1.92
10/08/2023 10:00	14.9	355996.0	38.73	1.76	5.84	1.90
10/08/2023 11:00	14.9	353652.2	38.71	1.65	5.62	1.81
10/08/2023 12:00	14.9	352255.5	38.31	1.41	5.60	1.89
10/08/2023 13:00	14.8	352355.1	35.37	1.32	5.83	1.77
10/08/2023 14:00	14.7	351112.1	31.13	0.99	5.80	1.66
10/08/2023 15:00	14.7	351868.7	31.14	1.06	5.75	1.74
10/08/2023 16:00	14.8	354994.7	31.56	0.97	5.91	1.56
10/08/2023 17:00	14.7	352417.7	31.05	1.06	5.84	1.67
10/08/2023 18:00	14.8	350927.2	32.24	1.07	5.87	1.50
10/08/2023 19:00	14.8	352986.6	35.21	1.17	5.74	2.22
10/08/2023 20:00	14.8	353305.1	34.12	1.27	5.96	1.93
10/08/2023 21:00	14.8	351729.3	34.08	1.32	5.96	2.05
10/08/2023 22:00	14.8	353305.1	34.94	1.32	5.87	1.92
10/08/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/08/2023 08:00	14.8	352116.2	36.17	1.94	5.81	3.27
11/08/2023 09:00	14.9	350821.9	39.30	1.73	5.81	1.96
11/08/2023 10:00	14.9	350864.6	39.58	1.77	5.83	1.80
11/08/2023 11:00	14.9	350005.6	39.95	1.45	5.58	1.72
11/08/2023 12:00	14.8	347761.3	39.02	1.49	5.64	1.74
11/08/2023 13:00	14.7	346953.5	35.79	1.22	5.75	1.83
11/08/2023 14:00	14.7	348176.6	32.01	1.10	5.69	1.68
11/08/2023 15:00	14.7	348375.7	32.14	1.16	5.69	1.61
11/08/2023 16:00	14.7	348808.1	32.19	1.10	5.69	1.77
11/08/2023 17:00	14.7	347431.3	31.42	1.12	5.61	1.74
11/08/2023 18:00	14.8	344726.3	33.65	1.27	5.56	1.76
11/08/2023 19:00	14.8	344476.0	34.65	1.18	5.87	1.41
11/08/2023 20:00	14.8	344973.8	34.46	1.47	5.86	1.29
11/08/2023 21:00	14.8	345528.4	33.34	1.29	5.88	1.40
11/08/2023 22:00	14.8	345340.7	33.02	1.51	5.88	1.49
11/08/2023 23:00	14.7	338528.1	33.97	1.44	5.79	1.96

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/08/2023 00:00	14.7	356579.1	33.68	1.55	5.95	1.73
12/08/2023 01:00	14.8	356974.5	36.36	1.68	5.86	1.79
12/08/2023 02:00	14.8	356914.7	37.29	1.72	5.93	1.86
12/08/2023 03:00	14.8	356823.7	37.78	1.75	5.96	1.84
12/08/2023 04:00	14.8	356741.2	38.06	1.88	5.93	1.90
12/08/2023 05:00	14.8	356158.1	37.96	1.81	5.95	1.90
12/08/2023 06:00	14.8	355674.6	38.21	1.86	6.00	1.74
12/08/2023 07:00	14.8	355936.3	38.41	1.84	5.90	1.90
12/08/2023 08:00	14.8	356035.8	37.60	1.79	5.83	1.93
12/08/2023 09:00	14.8	355557.9	36.20	1.58	5.68	1.92
12/08/2023 10:00	14.8	356843.6	33.97	1.49	5.67	1.67
12/08/2023 11:00	14.7	356985.8	33.67	1.38	5.69	1.60
12/08/2023 12:00	14.7	357495.0	33.84	1.17	5.61	1.50
12/08/2023 13:00	14.7	356923.3	33.47	1.17	5.81	1.66
12/08/2023 14:00	14.7	357190.6	33.42	1.10	5.86	1.68
12/08/2023 15:00	14.7	357278.8	33.55	1.07	5.82	1.66
12/08/2023 16:00	14.7	353768.8	33.77	0.98	5.46	1.51
12/08/2023 17:00	14.6	286530.6	31.36	1.11	5.02	1.22
12/08/2023 18:00	14.7	330788.5	30.78	1.23	5.68	1.07
12/08/2023 19:00	14.7	332825.1	31.45	1.32	6.21	1.12
12/08/2023 20:00	14.7	333988.5	30.58	1.37	6.15	1.15
12/08/2023 21:00	14.7	334159.2	30.66	1.51	5.94	1.17
12/08/2023 22:00	14.7	333004.3	29.96	1.46	5.77	1.19
12/08/2023 23:00	14.7	341106.6	33.05	1.50	5.73	1.64
13/08/2023 00:00	14.8	357389.8	34.66	1.68	5.86	1.81
13/08/2023 01:00	14.8	356744.1	36.49	1.63	6.04	1.70
13/08/2023 02:00	14.8	357130.9	36.07	1.70	5.97	1.83
13/08/2023 03:00	14.7	357156.5	36.37	1.83	5.98	1.90
13/08/2023 04:00	14.8	357947.3	36.23	1.88	6.01	1.81
13/08/2023 05:00	14.8	357714.0	35.87	1.88	5.99	1.79
13/08/2023 06:00	14.8	357509.2	35.76	1.81	6.12	1.88
13/08/2023 07:00	14.8	357213.4	36.84	1.95	6.00	1.93
13/08/2023 08:00	14.8	355498.2	38.16	1.77	5.78	1.90
13/08/2023 09:00	14.8	356900.5	33.37	1.63	5.70	1.81
13/08/2023 10:00	14.8	356778.2	33.11	1.65	5.76	1.67
13/08/2023 11:00	14.8	357000.1	32.82	1.29	5.67	1.60
13/08/2023 12:00	14.7	356766.8	32.79	1.21	5.65	1.55
13/08/2023 13:00	14.7	356971.6	32.67	1.14	5.83	1.70
13/08/2023 14:00	14.7	357426.7	32.62	1.01	5.85	1.64
13/08/2023 15:00	14.7	357159.3	32.60	0.94	5.87	1.59
13/08/2023 16:00	14.7	353060.5	32.66	0.96	5.73	1.67
13/08/2023 17:00	14.7	276995.7	31.75	1.05	5.15	1.94
13/08/2023 18:00	14.7	333317.2	31.33	1.05	5.43	1.05
13/08/2023 19:00	14.7	334847.5	32.46	1.15	6.05	1.69
13/08/2023 20:00	14.8	337669.2	33.34	1.38	6.13	1.47
13/08/2023 21:00	14.8	338974.8	32.77	1.29	6.03	1.72
13/08/2023 22:00	14.7	337984.9	31.46	1.33	5.96	1.76
13/08/2023 23:00	14.7	341021.2	33.36	1.46	5.96	1.73
14/08/2023 00:00	14.7	356695.7	34.57	1.44	5.98	1.67
14/08/2023 01:00	14.7	356619.3	36.45	1.51	6.02	1.64
14/08/2023 02:00	14.7	355998.8	37.26	1.60	6.04	1.80
14/08/2023 03:00	14.7	356141.0	37.25	1.62	6.02	1.78
14/08/2023 04:00	14.8	356530.7	37.02	1.65	6.03	1.65
14/08/2023 05:00	14.8	357429.6	36.76	1.79	6.15	1.72
14/08/2023 06:00	14.8	357290.2	36.88	1.77	6.11	1.82
14/08/2023 07:00	14.8	355950.5	38.21	1.63	5.94	1.90
14/08/2023 08:00	14.8	356471.0	35.46	1.54	5.79	1.88
14/08/2023 09:00	14.8	352935.3	39.81	1.52	5.76	1.84
14/08/2023 10:00	14.8	354087.3	37.50	1.50	5.66	1.73
14/08/2023 11:00	14.7	357702.6	33.80	1.22	5.60	1.56
14/08/2023 12:00	14.7	357725.4	33.57	1.21	5.61	1.46
14/08/2023 13:00	14.7	357921.7	32.98	0.99	5.65	1.50
14/08/2023 14:00	14.7	357563.3	32.82	0.99	5.72	1.50
14/08/2023 15:00	14.7	357466.6	32.68	0.90	5.80	1.50
14/08/2023 16:00	14.7	353265.3	33.84	1.02	5.66	1.58
14/08/2023 17:00	14.7	281408.9	33.98	0.90	5.13	1.99

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/08/2023 18:00	14.8	344208.6	35.64	0.97	5.74	1.60
14/08/2023 19:00	14.7	343156.2	34.91	1.24	5.87	1.35
14/08/2023 20:00	14.8	344854.3	34.17	1.13	5.88	1.56
14/08/2023 21:00	14.8	343853.0	33.72	1.29	5.85	1.36
14/08/2023 22:00	14.8	344171.6	33.32	1.31	5.80	1.61
14/08/2023 23:00	14.8	325680.6	36.15	1.29	5.82	2.38
15/08/2023 00:00	14.7	355953.3	37.24	1.46	5.83	1.87
15/08/2023 01:00	14.7	356061.4	37.19	1.53	5.82	1.81
15/08/2023 02:00	14.8	356712.8	37.41	1.51	5.79	1.74
15/08/2023 03:00	14.8	357964.3	36.55	1.61	5.83	1.56
15/08/2023 04:00	14.8	357807.9	36.85	1.68	5.87	1.90
15/08/2023 05:00	14.8	357967.2	36.64	1.68	6.00	1.77
15/08/2023 06:00	14.8	357344.3	36.77	1.73	5.97	1.66
15/08/2023 07:00	14.7	288514.1	34.67	1.59	5.50	1.55
15/08/2023 08:00	14.8	351265.7	35.84	1.66	5.70	1.85
15/08/2023 09:00	14.8	352238.5	36.85	1.56	5.77	1.83
15/08/2023 10:00	14.8	350969.8	37.14	1.31	5.67	1.86
15/08/2023 11:00	14.8	348404.2	37.23	1.28	5.62	1.79
15/08/2023 12:00	14.8	347639.0	37.41	1.16	5.61	1.78
15/08/2023 13:00	14.7	346603.6	35.18	0.94	5.71	1.57
15/08/2023 14:00	14.7	346925.0	39.32	0.99	5.69	1.73
15/08/2023 15:00	14.7	347758.5	39.15	1.04	5.65	1.76
15/08/2023 16:00	14.7	351058.0	34.23	1.14	5.62	1.45
15/08/2023 17:00	14.8	349365.6	38.21	1.09	5.85	1.50
15/08/2023 18:00	14.8	344265.5	36.09	1.20	5.75	1.74
15/08/2023 19:00	14.7	341836.3	35.58	1.35	6.01	1.03
15/08/2023 20:00	14.8	344242.7	35.91	1.42	6.01	1.06
15/08/2023 21:00	14.8	344933.9	35.67	1.38	6.08	1.08
15/08/2023 22:00	14.8	343779.1	34.95	1.54	5.91	1.43
15/08/2023 23:00	14.8	314197.3	39.08	1.62	6.03	1.21
16/08/2023 00:00	14.8	357287.3	36.69	1.56	6.05	1.20
16/08/2023 01:00	14.8	356596.2	37.54	1.70	6.09	1.23
16/08/2023 02:00	14.8	357628.7	37.49	1.71	6.01	1.66
16/08/2023 03:00	14.8	356553.5	37.45	1.75	6.06	1.32
16/08/2023 04:00	14.8	356877.8	37.11	1.75	6.00	1.48
16/08/2023 05:00	14.8	356732.7	37.35	1.78	6.04	1.60
16/08/2023 06:00	14.8	356559.2	37.76	1.82	6.04	1.30
16/08/2023 07:00	14.7	289605.2	35.56	1.65	5.60	1.44
16/08/2023 08:00	14.8	350230.3	37.04	1.60	6.05	1.39
16/08/2023 09:00	14.9	349997.0	37.93	1.61	6.07	1.24
16/08/2023 10:00	14.9	350867.4	38.81	1.36	6.04	1.52
16/08/2023 11:00	14.7	350611.4	38.79	1.51	5.67	2.02
16/08/2023 12:00	14.8	347340.3	39.59	1.66	5.71	1.95
16/08/2023 13:00	14.8	349968.6	40.32	1.81	5.84	1.95
16/08/2023 14:00	14.7	349132.3	39.00	1.69	5.80	1.93
16/08/2023 15:00	14.6	346057.5	32.60	1.66	5.58	1.84
16/08/2023 16:00	14.7	349445.2	35.85	1.50	5.68	1.99
16/08/2023 17:00	14.8	350056.8	37.50	1.49	5.85	2.08
16/08/2023 18:00	14.8	346677.6	36.14	1.42	5.74	2.03
16/08/2023 19:00	14.7	344919.7	35.21	1.19	5.72	1.80
16/08/2023 20:00	14.7	345554.0	35.16	1.33	5.62	1.83
16/08/2023 21:00	14.7	345144.4	35.27	1.40	5.75	1.85
16/08/2023 22:00	14.8	345389.0	35.21	1.38	5.81	1.85
16/08/2023 23:00	14.7	328531.2	35.07	1.35	5.87	2.03
17/08/2023 00:00	14.7	332856.4	34.14	1.38	5.80	1.99
17/08/2023 01:00	14.7	334193.3	34.29	1.49	5.83	1.78
17/08/2023 02:00	14.7	332096.9	33.63	1.57	5.78	1.66
17/08/2023 03:00	14.7	329457.3	33.20	1.52	5.82	1.41
17/08/2023 04:00	14.7	327946.9	32.42	1.56	5.60	1.76
17/08/2023 05:00	14.7	321711.9	32.08	1.63	5.61	1.69
17/08/2023 06:00	14.7	321310.8	32.04	1.67	5.58	1.81
17/08/2023 07:00	14.7	294705.5	33.28	1.55	5.55	2.20
17/08/2023 08:00	14.8	347448.4	36.22	1.71	5.71	2.12
17/08/2023 09:00	14.8	349977.1	37.63	1.58	5.81	2.06
17/08/2023 10:00	14.8	348116.9	38.09	1.65	5.67	1.90
17/08/2023 11:00	14.8	346615.0	38.43	1.44	5.60	1.78

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/08/2023 12:00	14.8	345397.6	38.68	1.60	5.53	1.85
17/08/2023 13:00	14.8	347596.3	41.02	1.69	5.80	1.73
17/08/2023 14:00	14.8	347149.8	42.38	1.73	5.82	1.89
17/08/2023 15:00	14.8	346947.8	41.95	1.82	5.81	1.93
17/08/2023 16:00	14.8	348529.3	40.62	1.63	5.70	1.81
17/08/2023 17:00	14.7	347573.6	33.84	1.63	5.57	1.47
17/08/2023 18:00	14.8	345673.5	38.09	1.56	5.76	1.75
17/08/2023 19:00	14.8	345172.9	37.80	1.34	5.85	1.88
17/08/2023 20:00	14.8	345906.7	38.90	1.55	6.03	1.77
17/08/2023 21:00	14.7	345784.4	36.15	1.33	6.07	1.38
17/08/2023 22:00	14.8	345682.0	36.38	1.47	5.89	1.70
17/08/2023 23:00	14.7	328990.6	35.01	1.37	5.63	1.87
18/08/2023 00:00	14.7	333928.8	33.51	1.51	5.62	1.87
18/08/2023 01:00	14.7	334705.3	33.39	1.59	5.73	1.75
18/08/2023 02:00	14.7	333357.0	32.75	1.43	5.81	1.88
18/08/2023 03:00	14.7	330626.4	32.69	1.74	5.92	1.94
18/08/2023 04:00	14.7	327710.8	32.33	1.63	5.67	1.99
18/08/2023 05:00	14.6	321228.3	31.51	1.73	5.66	1.84
18/08/2023 06:00	14.7	321552.6	31.45	1.69	5.67	1.85
18/08/2023 07:00	14.7	286730.7	33.20	1.77	5.56	2.13
18/08/2023 08:00	14.7	348242.0	32.70	1.81	5.53	2.48
18/08/2023 09:00	14.8	350119.3	37.06	1.69	5.49	1.55
18/08/2023 10:00	14.8	350253.0	38.29	1.81	5.59	1.60
18/08/2023 11:00	14.8	347883.6	38.64	1.58	5.33	1.39
18/08/2023 12:00	14.8	345104.6	38.47	1.56	5.32	1.33
18/08/2023 13:00	14.8	345141.6	41.65	1.87	5.70	1.39
18/08/2023 14:00	14.8	342675.4	41.88	1.81	5.69	1.33
18/08/2023 15:00	14.8	345875.4	34.43	1.90	5.57	1.20
18/08/2023 16:00	14.7	346179.8	32.61	1.71	5.78	1.35
18/08/2023 17:00	14.7	345138.7	32.31	1.79	5.65	1.37
18/08/2023 18:00	14.7	343230.1	31.61	1.56	5.72	1.45
18/08/2023 19:00	14.8	346063.2	35.55	1.34	5.76	1.45
18/08/2023 20:00	14.7	347892.2	33.32	1.28	5.81	1.85
18/08/2023 21:00	14.7	348188.0	33.53	1.15	5.98	1.74
18/08/2023 22:00	14.7	345315.1	33.91	1.37	6.22	1.58
18/08/2023 23:00	14.7	327653.5	33.50	1.32	5.77	1.71
19/08/2023 00:00	14.7	335103.5	31.77	1.32	5.99	1.61
19/08/2023 01:00	14.7	336963.8	31.72	1.41	5.85	1.88
19/08/2023 02:00	14.7	334372.5	31.97	1.55	6.03	1.84
19/08/2023 03:00	14.7	331010.4	31.96	1.52	5.93	1.57
19/08/2023 04:00	14.7	328808.8	31.87	1.56	5.90	1.63
19/08/2023 05:00	14.7	319931.3	30.87	1.56	5.72	1.71
19/08/2023 06:00	14.7	319114.9	30.58	1.63	5.66	1.83
19/08/2023 07:00	14.7	283233.5	31.93	1.62	5.61	2.18
19/08/2023 08:00	14.7	339865.1	31.07	1.62	5.63	2.73
19/08/2023 09:00	14.8	340104.1	34.93	1.69	5.40	1.60
19/08/2023 10:00	14.8	339219.4	36.21	1.58	5.14	1.28
19/08/2023 11:00	14.8	337512.8	36.62	1.53	5.24	1.33
19/08/2023 12:00	14.8	337052.0	36.82	1.63	5.36	1.44
19/08/2023 13:00	14.8	340738.4	38.31	1.86	5.67	1.58
19/08/2023 14:00	14.8	340126.8	40.58	1.99	5.44	1.39
19/08/2023 15:00	14.8	341321.5	40.38	1.85	5.56	1.39
19/08/2023 16:00	14.8	341890.4	41.79	1.92	5.59	1.51
19/08/2023 17:00	14.8	343759.2	42.13	1.75	5.43	1.39
19/08/2023 18:00	14.8	344421.9	39.63	1.43	5.66	1.39
19/08/2023 19:00	14.8	345300.9	38.60	1.50	5.99	1.78
19/08/2023 20:00	14.8	346196.9	37.12	1.28	5.97	1.66
19/08/2023 21:00	14.8	343679.5	34.08	1.27	5.54	2.06
19/08/2023 22:00	14.7	340254.8	32.70	1.15	5.77	1.73
19/08/2023 23:00	14.7	332989.8	33.91	1.23	5.75	1.66
20/08/2023 00:00	14.7	354872.4	36.67	1.32	5.90	1.41
20/08/2023 01:00	14.7	354414.5	36.02	1.27	5.94	1.30
20/08/2023 02:00	14.7	355407.2	36.01	1.48	6.01	1.37
20/08/2023 03:00	14.7	356599.0	36.19	1.48	6.07	1.26
20/08/2023 04:00	14.7	357014.3	35.92	1.39	6.37	1.28
20/08/2023 05:00	14.7	356857.8	36.18	1.53	6.20	1.26

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/08/2023 06:00	14.7	356968.8	35.92	1.44	6.16	1.24
20/08/2023 07:00	14.8	357278.8	36.86	1.45	6.15	1.47
20/08/2023 08:00	14.7	355364.5	38.21	1.55	5.74	1.76
20/08/2023 09:00	14.7	353728.9	37.85	1.42	5.58	1.78
20/08/2023 10:00	14.7	351814.6	36.68	1.53	5.35	1.55
20/08/2023 11:00	14.7	357261.8	31.98	1.26	5.32	1.39
20/08/2023 12:00	14.7	356203.6	32.10	1.50	5.48	1.37
20/08/2023 13:00	14.7	356490.9	32.51	1.61	5.64	1.43
20/08/2023 14:00	14.7	357281.7	32.65	1.54	5.50	1.21
20/08/2023 15:00	14.7	356977.3	32.41	1.47	5.64	1.18
20/08/2023 16:00	14.6	352776.1	32.44	1.29	5.82	1.24
20/08/2023 17:00	14.7	276908.9	30.78	1.18	5.21	1.29
20/08/2023 18:00	14.7	333311.5	31.90	1.14	5.66	1.48
20/08/2023 19:00	14.7	334110.8	32.00	1.10	6.03	1.65
20/08/2023 20:00	14.7	335814.6	31.99	1.14	6.20	1.72
20/08/2023 21:00	14.7	336264.1	32.93	1.12	6.05	1.21
20/08/2023 22:00	14.7	335780.5	33.55	1.32	6.51	1.28
20/08/2023 23:00	14.6	310781.7	29.84	1.29	6.82	1.33
21/08/2023 00:00	14.6	319137.7	28.35	1.21	9.47	1.24
21/08/2023 01:00	14.6	318536.2	29.17	1.50	8.27	1.26
21/08/2023 02:00	14.6	317496.4	29.06	1.43	7.24	1.35
21/08/2023 03:00	14.6	315971.8	28.46	1.56	8.00	1.37
21/08/2023 04:00	14.6	315863.7	27.95	1.58	9.05	1.34
21/08/2023 05:00	14.6	314060.3	27.82	1.49	9.27	1.32
21/08/2023 06:00	14.6	313181.4	28.55	1.70	8.55	1.32
21/08/2023 07:00	14.6	282858.1	29.91	1.55	7.33	1.27
21/08/2023 08:00	14.7	348700.0	32.33	1.64	6.76	1.22
21/08/2023 09:00	14.8	349766.6	33.54	1.63	6.35	1.20
21/08/2023 10:00	14.8	350847.5	34.27	1.50	6.20	1.34
21/08/2023 11:00	14.8	351277.0	35.41	1.46	6.33	1.55
21/08/2023 12:00	14.8	347872.3	34.96	1.32	6.04	1.41
21/08/2023 13:00	14.8	350486.3	34.54	1.42	5.81	1.56
21/08/2023 14:00	14.7	350563.1	32.51	1.47	5.62	1.81
21/08/2023 15:00	14.8	349627.3	37.00	1.45	6.28	1.29
21/08/2023 16:00	14.8	351223.0	38.49	1.56	6.18	1.36
21/08/2023 17:00	14.7	350691.1	35.55	1.37	6.08	1.44
21/08/2023 18:00	14.7	345357.8	33.98	1.26	5.93	1.41
21/08/2023 19:00	14.7	342334.1	33.22	1.28	6.47	1.45
21/08/2023 20:00	14.7	342905.8	33.76	1.19	6.10	1.48
21/08/2023 21:00	14.7	341691.3	32.14	1.41	6.18	1.25
21/08/2023 22:00	14.7	341782.3	31.54	1.34	7.36	1.25
21/08/2023 23:00	14.7	337295.0	31.87	1.39	6.82	1.27
22/08/2023 00:00	14.7	356024.4	33.56	1.51	7.71	1.21
22/08/2023 01:00	14.7	355122.7	33.02	1.46	8.88	1.23
22/08/2023 02:00	14.7	355156.9	32.75	1.59	9.00	1.28
22/08/2023 03:00	14.7	354869.6	32.30	1.52	8.77	1.23
22/08/2023 04:00	14.7	354966.3	32.23	1.63	9.00	1.25
22/08/2023 05:00	14.7	354801.3	31.78	1.54	9.38	1.30
22/08/2023 06:00	14.7	355043.1	31.63	1.61	9.31	1.34
22/08/2023 07:00	14.6	291400.3	29.64	1.60	7.74	1.42
22/08/2023 08:00	14.8	348415.5	32.82	1.64	6.36	1.59
22/08/2023 09:00	14.8	348964.5	34.18	1.62	5.88	1.92
22/08/2023 10:00	14.8	349573.2	35.56	1.63	5.86	1.79
22/08/2023 11:00	14.8	347678.8	36.45	1.44	5.66	1.87
22/08/2023 12:00	14.8	347920.6	37.09	1.46	5.80	1.85
22/08/2023 13:00	14.8	348441.1	38.93	1.48	5.95	1.93
22/08/2023 14:00	14.8	348327.3	39.46	1.51	5.99	1.85
22/08/2023 15:00	14.8	347906.4	40.25	1.77	6.02	1.88
22/08/2023 16:00	14.8	347804.0	40.05	1.63	5.99	1.97
22/08/2023 17:00	14.7	346196.9	31.88	1.45	5.89	1.78
22/08/2023 18:00	14.8	347001.8	37.30	1.34	5.95	1.87
22/08/2023 19:00	14.7	343255.7	35.11	1.15	5.69	1.40
22/08/2023 20:00	14.7	342934.3	34.93	1.30	6.28	1.19
22/08/2023 21:00	14.7	342976.9	33.80	1.21	7.16	1.17
22/08/2023 22:00	14.7	344080.6	33.56	1.26	6.93	1.19
22/08/2023 23:00	14.7	337929.3	34.53	1.30	6.34	1.24

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/08/2023 00:00	14.8	357458.0	35.68	1.31	6.47	1.38
23/08/2023 01:00	14.8	357074.0	34.81	1.65	6.31	1.51
23/08/2023 02:00	14.7	356587.6	34.15	1.46	6.29	1.42
23/08/2023 03:00	14.7	356465.3	33.68	1.55	6.27	1.26
23/08/2023 04:00	14.7	356886.3	34.15	1.62	6.33	1.51
23/08/2023 05:00	14.8	357591.7	35.18	1.58	6.25	1.56
23/08/2023 06:00	14.8	357600.3	35.26	1.66	6.26	1.63
23/08/2023 07:00	14.7	288734.5	33.64	1.50	5.84	1.64
23/08/2023 08:00	14.8	351407.9	34.95	1.64	6.06	1.82
23/08/2023 09:00	14.8	352244.2	35.54	1.53	6.16	1.87
23/08/2023 10:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
23/08/2023 11:00	15.0	350392.4	52.75	2.71	6.05	1.27
23/08/2023 12:00	15.0	347388.7	52.33	2.62	6.13	1.20
23/08/2023 13:00	15.0	349496.4	54.27	2.64	6.08	1.05
23/08/2023 14:00	14.9	348580.5	51.70	2.46	6.01	0.86
23/08/2023 15:00	14.8	347044.5	47.04	2.73	5.89	1.08
23/08/2023 16:00	14.8	347676.0	47.68	2.52	6.02	0.98
23/08/2023 17:00	14.9	348216.4	54.63	2.46	6.20	1.07
23/08/2023 18:00	14.9	343292.7	49.73	2.36	5.90	0.53
23/08/2023 19:00	14.9	341384.1	49.24	2.34	6.34	0.67
23/08/2023 20:00	14.9	343511.7	50.23	2.39	6.35	0.72
23/08/2023 21:00	14.9	344732.0	49.80	2.33	6.33	0.56
23/08/2023 22:00	14.9	345215.5	49.22	2.44	6.29	0.72
23/08/2023 23:00	14.9	329253.6	47.72	2.39	6.18	0.95
24/08/2023 00:00	14.9	334062.5	45.71	2.39	6.05	0.93
24/08/2023 01:00	14.9	334961.3	46.29	2.39	6.07	0.70
24/08/2023 02:00	14.9	334895.9	46.10	2.55	5.93	1.07
24/08/2023 03:00	14.9	331727.2	45.68	2.52	5.97	1.18
24/08/2023 04:00	14.9	330157.0	45.49	2.36	6.06	1.18
24/08/2023 05:00	14.9	325150.8	45.42	2.63	6.00	1.22
24/08/2023 06:00	14.9	324303.2	45.35	2.41	6.04	0.99
24/08/2023 07:00	14.9	292318.8	47.12	2.58	5.98	0.79
24/08/2023 08:00	14.7	349303.0	46.77	2.68	5.74	1.14
24/08/2023 09:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
24/08/2023 10:00	15.0	350767.9	40.14	3.00	5.92	1.11
24/08/2023 11:00	15.0	349152.3	39.48	2.95	5.88	1.04
24/08/2023 12:00	15.0	347456.9	38.77	2.95	5.95	1.15
24/08/2023 13:00	14.9	347721.5	35.88	2.84	6.10	0.91
24/08/2023 14:00	14.9	347215.2	31.67	2.84	5.95	0.85
24/08/2023 15:00	14.9	348392.8	34.30	2.85	5.63	0.96
24/08/2023 16:00	14.9	346117.2	34.99	2.59	6.45	1.18
24/08/2023 17:00	14.9	343369.5	35.48	2.67	6.36	0.70
24/08/2023 18:00	14.9	339054.5	33.71	2.55	6.12	0.79
24/08/2023 19:00	14.9	337561.1	32.96	2.61	6.13	0.67
24/08/2023 20:00	14.9	337438.8	32.40	2.47	6.13	0.53
24/08/2023 21:00	14.9	339074.4	32.51	2.48	6.20	0.53
24/08/2023 22:00	14.9	340727.0	33.41	2.68	6.26	0.75
24/08/2023 23:00	14.9	325107.8	32.46	2.46	6.26	0.65
25/08/2023 00:00	14.9	328925.4	31.15	2.63	5.91	0.95
25/08/2023 01:00	14.9	331269.2	31.34	2.59	5.99	0.83
25/08/2023 02:00	14.9	327070.8	31.19	2.60	5.95	0.81
25/08/2023 03:00	14.9	324823.7	31.03	2.56	5.90	0.97
25/08/2023 04:00	14.9	323151.2	31.03	2.65	5.99	1.06
25/08/2023 05:00	14.8	313346.4	30.46	2.54	5.95	0.80
25/08/2023 06:00	14.8	311801.8	30.64	2.59	5.80	1.12
25/08/2023 07:00	15.0	282644.8	31.84	2.69	5.98	1.38
25/08/2023 08:00	14.9	332736.9	30.48	2.61	5.90	2.01
25/08/2023 09:00	15.0	332785.3	33.40	2.54	5.79	1.06
25/08/2023 10:00	15.0	332711.3	33.52	2.61	5.67	1.29
25/08/2023 11:00	15.0	328734.8	32.74	2.32	5.71	1.31
25/08/2023 12:00	15.0	327702.3	33.06	2.38	5.75	1.28
25/08/2023 13:00	15.0	332728.4	34.36	2.54	5.97	1.27
25/08/2023 14:00	15.0	331582.1	34.34	2.52	6.00	1.03
25/08/2023 15:00	15.0	334432.3	35.09	2.66	5.88	1.06
25/08/2023 16:00	15.0	332202.2	34.75	2.39	5.73	0.87
25/08/2023 17:00	14.9	325435.3	32.39	2.34	5.48	1.09

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/08/2023 18:00	14.9	321273.8	31.47	2.08	5.70	1.36
25/08/2023 19:00	14.9	318986.9	31.89	2.15	5.93	1.29
25/08/2023 20:00	14.9	318079.5	31.56	2.12	6.03	1.20
25/08/2023 21:00	14.9	319302.6	31.31	2.10	6.05	1.02
25/08/2023 22:00	14.9	321188.5	30.89	2.22	6.05	1.06
25/08/2023 23:00	14.9	308031.0	30.97	2.17	6.06	1.02
26/08/2023 00:00	14.9	310172.0	30.37	2.41	5.88	1.06
26/08/2023 01:00	14.8	310905.8	29.86	2.22	6.02	0.76
26/08/2023 02:00	14.8	308345.8	30.24	2.42	5.93	0.55
26/08/2023 03:00	14.8	304650.9	30.19	2.42	5.79	0.80
26/08/2023 04:00	14.8	302844.7	30.35	2.35	5.86	0.71
26/08/2023 05:00	14.8	296945.3	30.60	2.55	5.86	1.05
26/08/2023 06:00	14.8	295634.0	30.65	2.35	5.90	0.89
26/08/2023 07:00	14.9	270260.0	32.08	2.65	6.03	1.42
26/08/2023 08:00	14.9	321538.4	28.24	2.38	5.86	2.01
26/08/2023 09:00	15.0	321330.7	31.40	2.55	5.82	1.35
26/08/2023 10:00	15.0	321145.8	32.01	2.36	5.69	1.24
26/08/2023 11:00	14.9	319262.8	31.48	2.35	5.56	1.19
26/08/2023 12:00	14.9	318898.7	32.21	2.22	5.57	0.86
26/08/2023 13:00	14.9	322286.5	32.66	2.37	5.65	0.79
26/08/2023 14:00	14.9	320889.8	33.11	2.27	5.64	0.84
26/08/2023 15:00	14.9	320719.2	32.77	2.18	5.67	1.00
26/08/2023 16:00	14.9	322104.4	34.39	2.42	5.68	1.07
26/08/2023 17:00	14.9	319439.2	33.43	2.11	5.65	1.20
26/08/2023 18:00	14.9	317260.3	32.87	2.13	5.65	1.27
26/08/2023 19:00	14.9	315109.9	32.06	1.87	5.64	1.18
26/08/2023 20:00	14.9	312703.5	31.33	2.03	5.62	1.08
26/08/2023 21:00	14.9	313832.8	31.36	1.92	5.64	1.13
26/08/2023 22:00	14.9	315491.1	30.99	2.01	5.69	1.11
26/08/2023 23:00	14.9	298807.9	31.50	2.06	5.71	1.46
27/08/2023 00:00	14.8	295483.3	31.08	1.93	5.55	1.45
27/08/2023 01:00	14.8	294871.7	31.40	2.22	5.59	1.42
27/08/2023 02:00	14.8	295053.8	31.18	2.15	5.62	1.44
27/08/2023 03:00	14.8	293529.1	31.20	2.15	5.66	1.35
27/08/2023 04:00	14.8	292778.2	31.38	2.19	5.73	1.21
27/08/2023 05:00	14.8	289501.4	31.70	2.23	5.72	1.25
27/08/2023 06:00	14.8	287160.4	31.97	2.19	5.81	1.37
27/08/2023 07:00	14.8	285280.3	32.18	2.24	5.75	1.51
27/08/2023 08:00	14.8	286779.3	32.17	2.34	5.72	1.37
27/08/2023 09:00	14.9	288793.1	31.96	2.14	5.65	1.29
27/08/2023 10:00	14.9	286483.4	32.88	2.09	5.47	1.13
27/08/2023 11:00	14.9	286150.6	33.29	2.14	5.15	0.87
27/08/2023 12:00	14.9	286509.0	34.24	2.09	5.18	0.78
27/08/2023 13:00	14.9	286105.1	35.35	2.29	5.22	0.62
27/08/2023 14:00	14.9	292459.6	34.99	2.39	5.11	0.44
27/08/2023 15:00	14.9	293409.7	34.30	2.28	5.19	0.55
27/08/2023 16:00	14.9	295699.4	34.19	2.19	5.42	1.04
27/08/2023 17:00	14.9	267412.7	35.36	2.05	5.36	0.68
27/08/2023 18:00	14.9	322283.6	32.46	1.99	5.40	0.44
27/08/2023 19:00	14.9	325458.0	34.58	2.14	5.75	0.61
27/08/2023 20:00	14.9	327395.1	33.91	1.87	5.78	1.03
27/08/2023 21:00	14.9	327614.1	33.16	2.00	5.70	0.86
27/08/2023 22:00	14.9	327415.0	32.16	1.95	5.69	0.84
27/08/2023 23:00	14.9	297597.6	31.07	1.98	5.59	1.20
28/08/2023 00:00	14.8	303649.7	30.91	2.08	5.52	1.26
28/08/2023 01:00	14.8	301984.1	30.80	1.99	5.59	1.05
28/08/2023 02:00	14.8	301362.7	30.56	2.17	5.61	1.10
28/08/2023 03:00	14.8	300589.0	30.26	2.19	5.58	1.16
28/08/2023 04:00	14.8	300984.4	29.92	2.14	5.72	1.44
28/08/2023 05:00	14.8	301644.3	30.08	2.30	5.83	1.21
28/08/2023 06:00	14.8	303151.9	29.76	2.19	5.95	1.30
28/08/2023 07:00	14.9	277450.8	31.40	2.38	5.98	1.50
28/08/2023 08:00	15.0	344811.6	33.25	2.27	6.25	1.24
28/08/2023 09:00	15.0	347124.2	34.53	2.30	6.16	1.03
28/08/2023 10:00	15.0	344527.2	35.17	2.17	6.08	0.92
28/08/2023 11:00	15.0	343184.6	36.33	2.04	5.86	0.82

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/08/2023 12:00	14.9	343440.6	37.32	1.86	5.77	0.79
28/08/2023 13:00	14.9	345667.8	38.83	1.62	5.90	0.88
28/08/2023 14:00	14.8	345508.5	36.21	1.55	5.94	0.87
28/08/2023 15:00	14.8	344797.4	30.58	1.51	5.83	0.90
28/08/2023 16:00	14.8	345866.9	31.08	1.42	5.83	0.97
28/08/2023 17:00	14.8	347030.3	31.12	1.57	5.89	0.98
28/08/2023 18:00	14.8	343764.9	30.92	1.61	5.87	1.10
28/08/2023 19:00	14.9	346165.6	34.76	1.89	6.15	0.79
28/08/2023 20:00	14.9	347001.8	34.35	1.73	6.16	0.96
28/08/2023 21:00	14.9	347533.8	33.56	1.87	6.09	1.03
28/08/2023 22:00	15.0	347775.5	35.30	1.90	6.09	1.08
28/08/2023 23:00	15.0	329991.7	35.62	1.94	5.99	1.08
29/08/2023 00:00	14.9	333172.2	33.06	2.07	5.89	0.98
29/08/2023 01:00	14.9	333800.8	32.30	1.95	5.89	1.02
29/08/2023 02:00	14.9	332941.8	31.99	2.27	5.91	1.18
29/08/2023 03:00	14.9	330415.9	31.61	2.22	5.93	0.88
29/08/2023 04:00	14.9	328973.8	31.61	2.22	5.98	0.67
29/08/2023 05:00	14.9	323282.0	30.72	2.34	5.84	0.78
29/08/2023 06:00	14.9	323048.8	30.63	2.21	5.90	0.41
29/08/2023 07:00	14.9	319878.3	32.28	2.30	6.06	0.51
29/08/2023 08:00	14.9	349044.2	32.39	2.20	6.24	0.93
29/08/2023 09:00	15.0	350150.6	31.61	2.22	6.28	1.31
29/08/2023 10:00	14.9	351291.3	33.11	2.05	5.98	2.35
29/08/2023 11:00	15.0	349843.4	35.09	1.83	6.02	1.64
29/08/2023 12:00	15.0	347550.8	37.35	1.93	6.09	0.85
29/08/2023 13:00	14.9	349837.8	34.24	1.57	5.96	0.92
29/08/2023 14:00	14.8	356337.3	32.45	1.58	6.02	0.71
29/08/2023 15:00	14.8	354431.5	32.04	1.51	6.03	0.80
29/08/2023 16:00	14.9	354070.3	32.03	1.56	6.04	0.83
29/08/2023 17:00	14.9	351555.8	31.82	1.70	6.09	0.67
29/08/2023 18:00	14.9	346947.8	34.02	1.58	6.12	0.81
29/08/2023 19:00	15.0	346524.0	34.84	1.90	6.06	0.80
29/08/2023 20:00	15.0	347877.9	34.83	1.68	6.19	0.37
29/08/2023 21:00	15.0	348734.1	35.22	1.94	6.36	0.56
29/08/2023 22:00	15.0	348378.6	36.11	1.93	6.32	0.54
29/08/2023 23:00	14.9	329818.2	34.34	1.84	6.15	0.56
30/08/2023 00:00	14.9	335754.9	30.00	1.94	6.06	0.65
30/08/2023 01:00	14.9	338002.0	31.84	1.97	6.03	0.51
30/08/2023 02:00	14.9	336585.5	31.69	2.02	5.98	0.42
30/08/2023 03:00	14.9	334005.6	31.08	2.08	5.87	0.39
30/08/2023 04:00	14.9	328993.7	29.94	2.03	5.88	0.51
30/08/2023 05:00	14.9	324636.0	29.99	2.17	5.81	0.55
30/08/2023 06:00	14.9	325241.8	28.77	2.05	6.31	0.60
30/08/2023 07:00	14.9	292607.6	29.48	2.17	6.57	0.55
30/08/2023 08:00	14.9	352540.0	32.53	2.12	7.00	0.51
30/08/2023 09:00	15.0	353820.0	35.03	2.03	6.57	0.75
30/08/2023 10:00	15.0	351089.3	36.03	2.08	6.34	0.92
30/08/2023 11:00	15.0	348523.6	36.18	1.79	5.90	0.97
30/08/2023 12:00	15.0	347257.8	36.61	1.75	5.86	1.05
30/08/2023 13:00	14.9	351186.0	33.66	1.47	6.11	0.92
30/08/2023 14:00	14.8	356943.2	32.66	1.40	6.03	0.97
30/08/2023 15:00	14.8	356877.8	32.61	1.40	6.01	0.97
30/08/2023 16:00	14.8	356490.9	31.67	1.46	6.08	1.09
30/08/2023 17:00	14.9	355887.9	32.58	1.54	6.20	0.78
30/08/2023 18:00	14.9	344845.8	31.02	1.59	5.97	0.41
30/08/2023 19:00	14.9	345403.3	32.46	1.67	6.65	0.42
30/08/2023 20:00	14.9	344933.9	31.39	1.69	7.83	0.35
30/08/2023 21:00	14.9	345298.0	30.96	1.83	8.77	0.35
30/08/2023 22:00	14.9	345403.3	30.52	1.88	8.35	0.37
30/08/2023 23:00	14.9	329671.9	29.46	1.77	7.75	0.44
31/08/2023 00:00	14.9	334389.6	28.45	2.07	8.64	0.44
31/08/2023 01:00	14.9	334847.5	28.35	2.03	9.53	0.51
31/08/2023 02:00	14.9	333951.5	28.31	2.02	9.53	0.46
31/08/2023 03:00	14.8	331138.4	27.57	2.13	10.01	0.44
31/08/2023 04:00	14.8	328959.5	27.09	2.06	9.26	0.46
31/08/2023 05:00	14.8	323421.4	26.57	2.12	10.23	0.46

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/08/2023 06:00	14.8	323597.8	26.70	2.15	8.67	0.48
31/08/2023 07:00	14.8	292685.9	27.82	2.15	7.03	0.53
31/08/2023 08:00	14.9	347781.2	30.23	2.15	6.58	0.79
31/08/2023 09:00	15.0	349647.2	33.02	2.27	6.14	0.90
31/08/2023 10:00	15.0	350002.7	34.31	2.15	5.83	0.78
31/08/2023 11:00	15.0	349587.4	35.21	1.84	5.90	0.76
31/08/2023 12:00	15.0	347141.2	36.79	1.95	5.89	0.68
31/08/2023 13:00	14.9	345841.3	37.21	1.60	5.86	0.81
31/08/2023 14:00	14.9	344677.9	37.83	1.60	6.02	0.88
31/08/2023 15:00	14.9	345042.0	38.20	1.48	5.81	0.65
31/08/2023 16:00	14.9	347701.6	38.04	1.58	6.00	0.88
31/08/2023 17:00	14.9	348375.7	33.79	1.61	8.07	0.18
31/08/2023 18:00	14.9	340758.3	33.63	1.82	11.09	0.41
31/08/2023 19:00	14.9	341537.7	32.52	2.15	7.77	0.49
31/08/2023 20:00	14.9	344092.0	33.15	2.04	6.79	0.37
31/08/2023 21:00	14.9	342681.1	32.69	2.11	7.85	0.30
31/08/2023 22:00	14.9	343557.2	32.07	2.30	11.77	0.35
31/08/2023 23:00	14.9	326918.4	30.17	2.10	12.29	0.35
Minimum	14.13	207,182.90	26.57	0.72	5.02	0.18
Maximum	16.20	358,746.60	54.63	5.23	12.29	230.77
Avg	14.80	338,181.06	34.58	1.69	6.08	2.11
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/08/2023 00:00	14.4	320722.0	30.15	1.16	6.65	1.18
01/08/2023 01:00	14.5	321060.5	31.60	1.14	6.39	1.25
01/08/2023 02:00	14.5	319282.7	34.77	1.79	5.96	1.49
01/08/2023 03:00	14.4	318218.9	29.52	0.97	6.13	1.18
01/08/2023 04:00	14.4	316608.9	33.54	1.82	6.94	1.56
01/08/2023 05:00	14.4	312524.3	32.00	1.62	7.16	1.49
01/08/2023 06:00	14.4	314253.8	27.27	0.73	7.02	1.09
01/08/2023 07:00	14.5	290263.6	36.35	0.94	6.78	1.05
01/08/2023 08:00	14.5	343346.7	36.77	2.40	7.05	1.57
01/08/2023 09:00	14.6	345087.5	33.44	1.04	6.72	1.15
01/08/2023 10:00	14.6	345195.6	37.30	1.66	6.64	1.39
01/08/2023 11:00	14.6	343662.5	33.22	0.71	6.13	1.08
01/08/2023 12:00	14.6	341449.5	33.10	0.57	5.90	1.08
01/08/2023 13:00	14.6	346600.8	38.64	1.62	6.31	1.53
01/08/2023 14:00	14.7	347192.4	37.23	1.22	6.56	1.36
01/08/2023 15:00	14.7	347465.5	36.41	1.13	6.65	1.31
01/08/2023 16:00	14.7	349103.9	35.11	0.78	6.64	1.20
01/08/2023 17:00	14.7	349894.6	36.11	0.98	6.73	1.25
01/08/2023 18:00	14.6	348603.3	34.61	0.82	6.94	1.26
01/08/2023 19:00	14.6	346563.8	33.22	0.64	6.85	1.14
01/08/2023 20:00	14.6	345204.2	34.44	0.99	6.80	1.23
01/08/2023 21:00	14.5	346396.0	33.53	0.87	7.08	1.18
01/08/2023 22:00	14.5	347610.6	34.04	1.05	7.00	1.22
01/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
02/08/2023 08:00	14.6	369771.6	39.38	2.59	7.30	1.51
02/08/2023 09:00	14.7	372183.7	40.56	2.37	7.68	1.41
02/08/2023 10:00	14.7	371526.6	37.40	1.59	7.72	1.21
02/08/2023 11:00	14.7	366813.4	37.39	1.17	7.32	1.15
02/08/2023 12:00	14.7	365413.9	37.04	1.07	7.30	1.19
02/08/2023 13:00	14.7	370144.3	40.80	1.72	7.07	1.50
02/08/2023 14:00	14.7	371452.7	39.10	1.29	7.12	1.38
02/08/2023 15:00	14.7	371071.5	36.81	1.00	7.41	1.22
02/08/2023 16:00	14.6	370155.6	33.32	0.73	7.31	1.04
02/08/2023 17:00	14.6	367086.5	33.97	0.93	7.29	1.12
02/08/2023 18:00	14.6	364074.2	34.90	1.01	8.09	1.19
02/08/2023 19:00	14.6	363155.4	35.73	1.38	7.95	1.36
02/08/2023 20:00	14.6	366790.6	36.01	1.58	8.96	1.38
02/08/2023 21:00	14.6	367598.5	34.70	1.30	9.18	1.34
02/08/2023 22:00	14.6	368477.4	34.53	1.34	9.49	1.32
02/08/2023 23:00	14.5	362447.2	35.38	1.63	9.28	1.44
03/08/2023 00:00	14.5	377175.7	32.97	0.83	8.77	1.20
03/08/2023 01:00	14.6	377758.8	37.14	1.47	8.11	1.38
03/08/2023 02:00	14.6	376919.7	36.10	1.07	7.62	1.16
03/08/2023 03:00	14.6	377130.2	37.17	1.27	7.49	1.20
03/08/2023 04:00	14.6	377150.1	37.54	1.47	7.92	1.27
03/08/2023 05:00	14.6	376905.5	42.89	3.12	8.06	1.78
03/08/2023 06:00	14.6	377158.6	46.37	4.36	8.02	2.05
03/08/2023 07:00	14.5	316853.5	47.10	4.52	6.16	2.12
03/08/2023 08:00	14.6	372348.7	46.64	4.63	7.52	2.11
03/08/2023 09:00	14.7	373671.3	47.68	4.62	7.23	2.07
03/08/2023 10:00	14.7	372590.5	48.71	4.61	6.85	2.01
03/08/2023 11:00	14.7	372013.0	48.15	4.41	6.76	1.95
03/08/2023 12:00	14.7	369919.5	47.68	3.58	6.63	1.92
03/08/2023 13:00	14.7	370286.5	48.65	2.16	6.66	1.96
03/08/2023 14:00	14.6	370019.1	47.13	1.88	6.50	1.88
03/08/2023 15:00	14.6	367737.8	42.40	1.03	6.58	1.69
03/08/2023 16:00	14.6	369672.1	43.55	0.55	6.69	1.68
03/08/2023 17:00	14.6	363633.3	42.96	0.49	7.06	1.77

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/08/2023 18:00	14.6	358032.6	41.50	0.51	7.34	1.65
03/08/2023 19:00	14.6	359093.6	40.18	0.46	7.36	1.52
03/08/2023 20:00	14.6	360322.4	40.22	0.60	7.39	1.61
03/08/2023 21:00	14.6	360564.2	39.85	0.66	8.31	1.63
03/08/2023 22:00	14.6	363929.1	40.33	0.68	8.75	1.65
03/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
04/08/2023 08:00	14.6	369649.3	39.31	0.73	8.01	1.53
04/08/2023 09:00	14.7	371950.5	42.61	0.49	7.55	1.47
04/08/2023 10:00	14.7	371805.4	40.90	0.25	7.12	1.34
04/08/2023 11:00	14.7	369285.2	38.69	0.00	6.63	1.16
04/08/2023 12:00	14.7	367797.6	40.65	0.07	6.55	1.39
04/08/2023 13:00	14.7	369106.0	40.54	0.02	6.67	1.27
04/08/2023 14:00	14.6	369416.1	39.60	0.02	6.46	1.24
04/08/2023 15:00	14.6	368861.4	34.95	0.00	6.44	0.97
04/08/2023 16:00	14.7	371762.7	40.65	0.00	6.84	1.23
04/08/2023 17:00	14.7	367826.0	38.20	0.00	6.66	1.16
04/08/2023 18:00	14.6	361869.8	36.93	0.00	6.46	1.18
04/08/2023 19:00	14.6	359830.3	38.40	0.00	6.61	1.33
04/08/2023 20:00	14.6	360757.6	36.87	0.00	6.89	1.24
04/08/2023 21:00	14.6	360430.5	39.44	0.13	6.71	1.44
04/08/2023 22:00	14.6	364048.6	35.56	0.02	6.85	1.13
04/08/2023 23:00	14.6	341403.6	40.68	0.00	6.49	1.17
05/08/2023 00:00	14.6	377440.3	40.64	0.04	7.40	1.33
05/08/2023 01:00	14.6	376609.7	37.56	0.02	7.67	1.15
05/08/2023 02:00	14.6	376692.2	37.39	0.02	7.68	1.19
05/08/2023 03:00	14.6	376416.3	40.82	0.20	7.64	1.43
05/08/2023 04:00	14.6	378390.3	35.67	0.04	7.98	1.06
05/08/2023 05:00	14.6	378646.3	38.20	0.11	7.99	1.31
05/08/2023 06:00	14.6	378236.7	40.00	0.27	7.81	1.44
05/08/2023 07:00	14.6	319222.9	39.60	0.04	5.80	1.49
05/08/2023 08:00	14.6	361730.4	37.33	0.02	6.63	1.31
05/08/2023 09:00	14.7	362302.1	40.09	0.09	6.43	1.41
05/08/2023 10:00	14.7	360740.5	38.68	0.00	6.28	1.21
05/08/2023 11:00	14.7	360109.0	38.61	0.00	6.08	1.17
05/08/2023 12:00	14.7	358968.4	38.25	0.00	6.16	1.16
05/08/2023 13:00	14.7	361824.3	37.00	0.00	6.63	1.01
05/08/2023 14:00	14.7	362029.0	39.55	0.00	6.70	1.28
05/08/2023 15:00	14.7	364409.8	35.97	0.00	6.58	1.10
05/08/2023 16:00	14.7	364034.4	34.87	0.00	6.65	0.99
05/08/2023 17:00	14.7	358072.4	38.06	0.00	6.78	1.24
05/08/2023 18:00	14.6	356124.0	36.90	0.00	6.40	1.35
05/08/2023 19:00	14.6	355375.9	36.18	0.02	7.02	1.23
05/08/2023 20:00	14.6	357182.1	33.94	0.02	7.26	1.08
05/08/2023 21:00	14.6	358487.7	34.35	0.00	7.04	1.19
05/08/2023 22:00	14.6	361684.9	33.34	0.00	6.88	1.17
05/08/2023 23:00	14.6	337617.5	38.50	0.00	6.41	1.15
06/08/2023 00:00	14.6	375480.4	41.50	0.26	7.26	1.52
06/08/2023 01:00	14.6	376825.8	42.58	0.46	7.40	1.61
06/08/2023 02:00	14.6	376623.9	39.17	0.15	7.43	1.28
06/08/2023 03:00	14.6	376427.6	38.33	0.02	7.42	1.23
06/08/2023 04:00	14.6	376527.2	37.38	0.04	7.40	1.10
06/08/2023 05:00	14.6	376458.9	40.33	0.18	7.53	1.37
06/08/2023 06:00	14.6	377187.1	38.85	0.11	7.66	1.24
06/08/2023 07:00	14.6	376743.3	39.78	0.15	7.68	1.28
06/08/2023 08:00	14.6	375469.0	43.00	0.42	7.51	1.50
06/08/2023 09:00	14.6	373364.2	41.59	0.15	7.10	1.37
06/08/2023 10:00	14.6	371580.7	41.72	0.07	6.51	1.33
06/08/2023 11:00	14.6	370880.9	41.43	0.02	6.41	1.33

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/08/2023 12:00	14.6	368443.3	37.75	0.00	6.15	0.95
06/08/2023 13:00	14.6	367777.7	38.20	0.00	6.23	0.93
06/08/2023 14:00	14.7	368850.0	42.01	0.00	6.16	1.22
06/08/2023 15:00	14.7	367661.0	40.03	0.00	6.42	1.11
06/08/2023 16:00	14.6	361542.6	38.35	0.00	5.99	1.13
06/08/2023 17:00	14.7	264515.7	50.96	0.00	4.64	1.35
06/08/2023 18:00	14.6	353407.5	36.36	0.02	6.42	1.65
06/08/2023 19:00	14.6	356963.1	37.14	0.00	6.33	1.33
06/08/2023 20:00	14.6	357628.7	33.81	0.00	6.30	1.10
06/08/2023 21:00	14.6	357506.4	38.81	0.09	6.63	1.61
06/08/2023 22:00	14.6	355893.6	34.99	0.02	6.38	1.47
06/08/2023 23:00	14.6	345856.5	43.18	0.04	6.23	1.33
07/08/2023 00:00	14.6	376390.6	38.03	0.02	6.99	1.25
07/08/2023 01:00	14.6	375612.4	38.43	0.04	7.07	1.27
07/08/2023 02:00	14.6	375082.2	37.86	0.04	7.15	1.23
07/08/2023 03:00	14.6	375727.9	39.24	0.11	7.59	1.32
07/08/2023 04:00	14.6	375642.6	38.38	0.11	7.81	1.41
07/08/2023 05:00	14.6	375594.2	36.80	0.07	7.63	1.19
07/08/2023 06:00	14.6	376951.0	36.71	0.15	7.90	1.19
07/08/2023 07:00	14.5	304047.6	38.01	0.02	5.66	1.42
07/08/2023 08:00	14.6	371142.6	36.25	0.07	7.45	1.20
07/08/2023 09:00	14.7	372581.9	38.13	0.02	7.52	1.23
07/08/2023 10:00	14.7	370983.3	39.31	0.16	7.08	1.27
07/08/2023 11:00	14.7	369948.0	40.31	0.07	6.69	1.34
07/08/2023 12:00	14.7	368067.8	38.18	0.00	6.59	1.14
07/08/2023 13:00	14.6	367777.7	36.73	0.00	6.41	1.13
07/08/2023 14:00	14.6	370215.3	35.05	0.00	6.52	0.88
07/08/2023 15:00	14.6	369106.0	35.24	0.00	6.50	0.97
07/08/2023 16:00	14.6	368591.2	32.92	0.00	6.50	0.90
07/08/2023 17:00	14.7	369945.1	36.80	0.00	6.64	1.11
07/08/2023 18:00	14.7	365957.2	38.23	0.00	6.47	1.27
07/08/2023 19:00	14.6	365032.8	34.26	0.00	6.40	1.26
07/08/2023 20:00	14.6	365991.3	34.55	0.00	6.84	1.33
07/08/2023 21:00	14.6	366011.3	38.26	0.02	6.96	1.51
07/08/2023 22:00	14.6	366526.1	35.54	0.00	6.85	1.20
07/08/2023 23:00	14.6	348700.0	34.05	0.00	6.27	1.21
08/08/2023 00:00	14.6	377551.2	34.59	0.07	7.40	1.25
08/08/2023 01:00	14.6	377292.3	36.12	0.18	7.51	1.38
08/08/2023 02:00	14.6	376638.1	36.06	0.02	7.44	1.16
08/08/2023 03:00	14.6	376473.1	36.31	0.22	7.28	1.23
08/08/2023 04:00	14.6	377036.3	34.37	0.18	7.69	1.12
08/08/2023 05:00	14.6	377548.3	37.32	0.09	7.82	1.26
08/08/2023 06:00	14.6	377002.2	37.22	0.09	7.68	1.24
08/08/2023 07:00	14.6	312575.5	39.73	0.09	5.79	1.27
08/08/2023 08:00	14.7	366477.8	39.21	0.22	6.89	1.31
08/08/2023 09:00	14.7	370895.2	39.10	0.00	6.74	1.23
08/08/2023 10:00	14.6	367655.3	36.70	0.22	6.42	0.95
08/08/2023 11:00	14.7	368483.1	39.51	1.18	6.17	0.85
08/08/2023 12:00	14.7	367988.2	42.21	1.81	6.16	1.10
08/08/2023 13:00	14.7	368980.9	40.92	1.83	6.22	1.05
08/08/2023 14:00	14.6	367305.5	36.01	1.32	6.35	0.93
08/08/2023 15:00	14.6	369899.6	34.09	0.92	6.58	1.01
08/08/2023 16:00	14.5	367129.1	34.64	0.79	7.04	0.79
08/08/2023 17:00	14.5	362322.0	38.67	1.64	8.77	0.96
08/08/2023 18:00	14.5	359744.9	35.79	1.37	8.29	0.98
08/08/2023 19:00	14.5	359537.3	34.42	1.16	7.67	0.76
08/08/2023 20:00	14.6	362521.1	38.14	2.06	7.88	1.10
08/08/2023 21:00	14.6	362609.3	37.66	1.98	8.08	1.05
08/08/2023 22:00	14.6	362572.3	34.08	1.38	8.45	0.81
08/08/2023 23:00	14.5	348472.4	34.24	1.65	7.59	0.91
09/08/2023 00:00	14.6	377053.4	40.31	2.71	7.93	1.21
09/08/2023 01:00	14.6	376569.8	37.35	2.13	8.87	1.08
09/08/2023 02:00	14.6	377474.4	35.33	1.73	8.45	1.01
09/08/2023 03:00	14.6	377056.3	34.93	1.80	8.33	1.03
09/08/2023 04:00	14.6	377693.4	38.55	2.53	8.11	1.32
09/08/2023 05:00	14.6	377135.9	38.55	2.53	7.90	1.30

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/08/2023 06:00	14.6	376695.0	34.63	1.62	8.83	1.05
09/08/2023 07:00	14.5	310802.0	39.44	2.24	6.94	1.33
09/08/2023 08:00	14.6	370667.6	39.77	2.64	7.57	1.27
09/08/2023 09:00	14.7	369919.5	37.07	1.68	7.50	0.92
09/08/2023 10:00	14.7	372337.3	39.02	1.56	7.53	1.01
09/08/2023 11:00	14.6	367914.2	37.79	1.65	6.82	1.06
09/08/2023 12:00	14.6	366130.7	39.00	1.62	6.43	1.04
09/08/2023 13:00	14.6	368847.2	37.42	1.24	6.62	0.99
09/08/2023 14:00	14.6	370482.7	33.52	0.79	6.88	0.77
09/08/2023 15:00	14.6	367749.2	34.10	0.97	6.65	0.79
09/08/2023 16:00	14.6	374382.5	35.20	1.13	6.74	0.93
09/08/2023 17:00	14.6	367555.8	36.45	1.24	6.44	1.50
09/08/2023 18:00	14.6	362856.8	33.93	0.60	7.70	0.79
09/08/2023 19:00	14.6	363673.1	35.88	1.06	7.33	1.63
09/08/2023 20:00	14.6	365391.2	37.37	1.55	7.05	1.90
09/08/2023 21:00	14.6	364153.8	38.62	2.00	7.96	1.14
09/08/2023 22:00	14.6	365357.0	37.02	1.61	7.74	1.17
09/08/2023 23:00	14.5	357823.5	35.08	1.14	7.56	0.85
10/08/2023 00:00	14.6	377431.7	37.86	1.63	8.36	0.97
10/08/2023 01:00	14.6	378108.7	40.70	2.30	7.97	1.17
10/08/2023 02:00	14.6	377477.2	39.43	2.16	7.70	1.04
10/08/2023 03:00	14.6	377545.5	39.89	2.27	7.90	1.15
10/08/2023 04:00	14.6	377593.8	38.13	1.90	7.96	0.99
10/08/2023 05:00	14.6	377286.6	36.02	1.54	8.15	0.82
10/08/2023 06:00	14.6	377539.8	38.02	1.90	8.25	0.99
10/08/2023 07:00	14.5	310804.8	42.33	2.55	6.24	1.35
10/08/2023 08:00	14.6	368753.3	38.27	1.90	7.10	1.08
10/08/2023 09:00	14.7	372749.8	42.30	2.41	6.86	1.21
10/08/2023 10:00	14.7	371518.1	40.13	1.41	6.78	0.98
10/08/2023 11:00	14.7	369805.8	40.65	1.28	6.45	0.96
10/08/2023 12:00	14.7	367848.8	40.16	1.00	6.42	0.94
10/08/2023 13:00	14.6	367794.7	36.42	0.83	6.79	0.85
10/08/2023 14:00	14.6	367203.1	34.86	0.95	6.99	0.86
10/08/2023 15:00	14.6	368158.8	33.97	0.99	7.05	0.86
10/08/2023 16:00	14.6	371549.4	33.11	0.98	7.31	0.89
10/08/2023 17:00	14.6	368520.1	30.41	0.89	7.13	0.80
10/08/2023 18:00	14.7	365391.2	32.60	1.11	7.25	0.78
10/08/2023 19:00	14.7	369020.7	38.72	1.75	7.38	1.14
10/08/2023 20:00	14.7	368872.8	38.47	1.83	7.84	1.09
10/08/2023 21:00	14.6	367678.1	38.55	1.87	7.73	1.13
10/08/2023 22:00	14.6	368869.9	36.88	1.35	7.44	0.91
10/08/2023 23:00	14.6	355171.1	39.83	2.09	6.99	1.21
11/08/2023 00:00	14.6	376074.9	39.57	1.69	7.46	0.97
11/08/2023 01:00	14.6	375981.0	38.09	1.48	7.36	0.84
11/08/2023 02:00	14.6	375764.9	40.82	2.24	7.57	1.17
11/08/2023 03:00	14.6	376214.3	37.97	1.71	7.71	0.99
11/08/2023 04:00	14.6	376069.2	40.05	2.20	7.62	1.16
11/08/2023 05:00	14.6	376777.5	38.36	1.94	7.63	1.03
11/08/2023 06:00	14.6	377079.0	39.41	2.20	7.69	1.06
11/08/2023 07:00	14.5	324928.8	34.02	1.20	6.07	0.83
11/08/2023 08:00	14.6	370559.5	40.92	2.46	7.20	1.24
11/08/2023 09:00	14.7	371518.1	42.17	2.63	7.04	1.23
11/08/2023 10:00	14.7	370684.7	39.96	1.74	6.68	0.91
11/08/2023 11:00	14.7	368778.9	40.88	1.67	6.35	0.96
11/08/2023 12:00	14.6	365982.8	36.94	1.31	6.40	0.75
11/08/2023 13:00	14.6	367040.9	39.47	1.77	6.76	1.06
11/08/2023 14:00	14.6	369336.4	36.28	1.43	6.83	0.93
11/08/2023 15:00	14.6	369418.9	37.73	1.74	6.88	1.01
11/08/2023 16:00	14.6	370405.9	37.81	1.66	6.78	1.06
11/08/2023 17:00	14.6	367860.2	36.77	1.54	6.66	1.03
11/08/2023 18:00	14.7	367006.8	36.01	0.96	6.96	0.91
11/08/2023 19:00	14.7	365687.0	37.34	1.29	7.63	1.00
11/08/2023 20:00	14.6	365527.7	36.45	1.26	7.71	0.89
11/08/2023 21:00	14.6	365980.0	35.09	1.17	7.87	0.84
11/08/2023 22:00	14.6	365772.3	34.74	1.23	7.89	0.82
11/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down
12/08/2023 18:00	14.6	354218.2	38.84	2.51	7.08	1.17
12/08/2023 19:00	14.6	354380.3	39.80	2.59	7.67	1.19
12/08/2023 20:00	14.6	355538.0	39.65	2.71	8.01	1.28
12/08/2023 21:00	14.6	355865.1	39.69	2.76	7.72	1.26
12/08/2023 22:00	14.6	354420.2	35.97	1.95	7.64	1.03
12/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down
13/08/2023 18:00	14.6	356286.1	39.20	2.57	6.24	2.50
13/08/2023 19:00	14.6	356368.6	41.15	2.57	6.94	1.60
13/08/2023 20:00	14.6	358570.2	40.72	2.35	7.73	1.31
13/08/2023 21:00	14.6	359744.9	41.32	2.72	7.59	1.42
13/08/2023 22:00	14.6	358450.7	39.83	2.56	7.47	1.41
13/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
14/08/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/08/2023 18:00	14.7	364580.5	41.61	2.51	7.76	1.42
14/08/2023 19:00	14.7	363613.4	42.32	2.60	8.14	1.27
14/08/2023 20:00	14.6	364859.3	41.19	2.46	8.04	1.31
14/08/2023 21:00	14.6	363860.9	41.19	2.59	8.00	1.31
14/08/2023 22:00	14.6	363977.5	40.68	2.63	7.84	1.35
14/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
15/08/2023 08:00	14.6	374422.3	41.97	3.05	7.90	1.39
15/08/2023 09:00	14.7	374459.3	43.84	3.12	7.84	1.31
15/08/2023 10:00	14.7	372920.4	44.11	3.07	7.37	1.36
15/08/2023 11:00	14.7	370812.7	39.87	1.81	7.12	1.03
15/08/2023 12:00	14.7	369029.2	41.39	2.03	7.03	1.09
15/08/2023 13:00	14.6	368301.0	35.39	0.84	7.22	0.71
15/08/2023 14:00	14.6	373879.0	35.82	1.38	7.38	0.94
15/08/2023 15:00	14.6	373184.9	37.42	1.78	7.27	1.10
15/08/2023 16:00	14.6	370752.9	39.99	1.24	7.69	1.00
15/08/2023 17:00	14.7	371916.3	37.71	1.05	8.15	0.87
15/08/2023 18:00	14.6	366383.9	38.30	1.35	7.84	1.02
15/08/2023 19:00	14.6	364040.1	36.50	1.17	8.22	0.82
15/08/2023 20:00	14.6	366110.8	39.31	1.75	8.50	1.02
15/08/2023 21:00	14.6	367419.3	38.76	1.72	8.53	1.02
15/08/2023 22:00	14.6	366199.0	38.28	1.72	8.30	1.08
15/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
16/08/2023 08:00	14.6	370698.9	42.03	2.93	8.48	1.29
16/08/2023 09:00	14.7	369572.5	43.98	3.09	8.26	1.19
16/08/2023 10:00	14.6	370002.0	39.19	2.18	8.08	0.93
16/08/2023 11:00	14.7	369288.1	41.90	2.69	7.72	0.99
16/08/2023 12:00	14.8	366930.0	42.38	2.47	7.36	0.95
16/08/2023 13:00	14.7	367686.6	43.07	2.18	7.55	1.03
16/08/2023 14:00	14.6	366847.5	42.48	2.31	7.39	0.95
16/08/2023 15:00	14.6	366776.4	43.36	2.24	7.20	1.04
16/08/2023 16:00	14.6	366830.5	42.28	2.00	7.47	1.09
16/08/2023 17:00	14.6	367740.7	37.13	1.07	7.62	0.82
16/08/2023 18:00	14.7	366048.3	39.60	1.85	7.59	1.07
16/08/2023 19:00	14.7	363371.6	40.34	2.18	7.29	1.00
16/08/2023 20:00	14.6	363431.3	41.10	2.58	7.33	1.24
16/08/2023 21:00	14.6	363104.3	39.42	2.32	7.38	1.04
16/08/2023 22:00	14.6	362888.1	37.85	2.09	7.51	0.95
16/08/2023 23:00	14.6	345844.1	40.36	2.66	7.39	1.12
17/08/2023 00:00	14.6	351678.1	39.88	2.64	7.42	1.10
17/08/2023 01:00	14.6	352545.7	40.58	2.83	7.53	1.14
17/08/2023 02:00	14.5	350324.2	40.46	3.01	7.53	1.16
17/08/2023 03:00	14.5	348944.6	38.30	2.68	7.60	1.02
17/08/2023 04:00	14.5	346563.8	38.11	2.81	7.33	1.09
17/08/2023 05:00	14.5	340510.8	39.00	3.02	7.18	1.17
17/08/2023 06:00	14.5	340138.2	36.73	2.53	7.06	1.00
17/08/2023 07:00	14.6	311978.1	44.29	3.18	6.50	1.19
17/08/2023 08:00	14.6	366173.4	40.68	2.78	7.44	1.02
17/08/2023 09:00	14.7	368719.2	43.37	3.09	7.41	1.16
17/08/2023 10:00	14.7	367279.9	42.28	2.48	6.96	0.96
17/08/2023 11:00	14.7	366594.4	43.00	2.51	6.75	0.96

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/08/2023 12:00	14.7	364714.2	43.54	2.55	6.65	1.03
17/08/2023 13:00	14.7	364384.3	46.93	3.14	7.04	1.18
17/08/2023 14:00	14.7	363252.2	45.27	2.61	7.14	1.12
17/08/2023 15:00	14.7	362723.1	43.19	2.19	7.21	1.00
17/08/2023 16:00	14.7	365058.4	43.82	2.49	7.02	1.07
17/08/2023 17:00	14.6	366008.4	37.93	1.95	7.22	0.77
17/08/2023 18:00	14.7	365052.7	43.21	2.81	7.35	1.07
17/08/2023 19:00	14.7	363735.7	42.03	2.36	7.44	1.05
17/08/2023 20:00	14.7	364526.5	43.97	2.83	7.93	1.23
17/08/2023 21:00	14.6	364671.5	41.44	2.71	8.23	1.08
17/08/2023 22:00	14.6	363767.0	41.11	2.69	8.15	1.10
17/08/2023 23:00	14.6	346967.6	41.15	2.89	7.07	1.18
18/08/2023 00:00	14.5	352173.0	39.30	2.71	6.99	1.07
18/08/2023 01:00	14.5	353117.4	39.52	2.90	7.05	1.09
18/08/2023 02:00	14.5	351871.5	39.09	2.88	6.95	1.05
18/08/2023 03:00	14.5	349325.8	40.44	3.38	6.75	1.18
18/08/2023 04:00	14.5	347004.7	38.07	2.91	6.68	0.96
18/08/2023 05:00	14.5	340121.1	36.60	2.78	6.48	1.17
18/08/2023 06:00	14.5	340232.1	39.11	3.20	6.30	1.31
18/08/2023 07:00	14.5	303942.5	44.78	3.50	5.55	1.22
18/08/2023 08:00	14.6	366813.4	37.86	2.65	6.73	0.86
18/08/2023 09:00	14.7	369481.5	42.39	3.12	6.53	0.91
18/08/2023 10:00	14.7	368093.4	43.88	3.05	6.65	1.07
18/08/2023 11:00	14.7	365766.6	42.88	2.66	6.29	1.23
18/08/2023 12:00	14.7	363255.0	43.95	2.92	6.20	1.35
18/08/2023 13:00	14.6	362751.5	39.17	2.55	6.70	1.15
18/08/2023 14:00	14.7	367453.4	36.11	2.03	7.02	1.07
18/08/2023 15:00	14.7	364973.0	36.58	2.03	6.84	1.18
18/08/2023 16:00	14.7	364591.9	38.45	2.40	7.07	1.10
18/08/2023 17:00	14.7	363821.0	39.40	2.84	6.86	1.39
18/08/2023 18:00	14.6	361955.1	36.44	1.98	6.79	0.95
18/08/2023 19:00	14.7	364751.2	44.09	2.86	7.32	1.19
18/08/2023 20:00	14.6	364572.0	39.31	2.30	7.78	1.02
18/08/2023 21:00	14.6	365058.4	40.42	2.57	7.68	1.03
18/08/2023 22:00	14.6	362888.1	38.86	2.13	7.37	0.84
18/08/2023 23:00	14.6	345118.6	39.40	2.41	6.96	0.92
19/08/2023 00:00	14.5	353373.4	39.30	2.98	7.30	1.09
19/08/2023 01:00	14.5	354960.6	38.72	2.94	7.28	1.07
19/08/2023 02:00	14.5	352201.5	37.79	2.67	7.10	0.94
19/08/2023 03:00	14.5	349283.1	38.45	2.94	6.88	1.29
19/08/2023 04:00	14.5	347237.9	39.71	3.29	7.03	1.18
19/08/2023 05:00	14.5	338152.8	38.40	3.15	6.73	1.13
19/08/2023 06:00	14.5	337174.3	35.96	2.60	6.56	1.02
19/08/2023 07:00	14.5	300306.6	42.33	2.80	5.70	0.98
19/08/2023 08:00	14.6	357935.9	41.32	3.57	6.42	1.24
19/08/2023 09:00	14.6	358976.9	41.88	3.02	6.17	0.91
19/08/2023 10:00	14.7	359358.1	43.69	3.35	5.97	1.52
19/08/2023 11:00	14.7	356926.1	40.89	2.47	5.87	1.35
19/08/2023 12:00	14.7	356223.5	42.38	2.75	6.02	1.28
19/08/2023 13:00	14.7	358672.6	44.58	3.13	6.62	1.51
19/08/2023 14:00	14.7	355569.3	37.63	2.20	6.29	1.16
19/08/2023 15:00	14.6	355535.2	37.99	2.76	6.25	1.26
19/08/2023 16:00	14.6	357213.4	37.18	2.46	6.34	1.26
19/08/2023 17:00	14.6	356695.7	36.56	2.29	6.13	1.50
19/08/2023 18:00	14.7	359560.1	41.79	2.92	6.67	1.94
19/08/2023 19:00	14.7	363044.5	44.53	2.94	7.16	1.35
19/08/2023 20:00	14.7	363823.9	40.08	2.04	7.48	1.03
19/08/2023 21:00	14.7	361602.4	39.21	2.27	6.92	0.98
19/08/2023 22:00	14.6	358479.2	40.07	2.56	7.33	1.06
19/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 13:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 14:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 15:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 16:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 17:00	shut down	shut down	shut down	shut down	shut down	shut down
20/08/2023 18:00	14.6	357642.9	40.25	3.30	7.18	1.28
20/08/2023 19:00	14.6	355890.7	43.02	3.44	7.10	1.15
20/08/2023 20:00	14.6	357699.8	42.23	3.40	6.98	1.27
20/08/2023 21:00	14.5	358189.0	41.96	3.41	7.43	1.01
20/08/2023 22:00	14.6	357648.6	43.20	3.74	7.94	1.14
20/08/2023 23:00	14.5	332763.8	42.51	3.58	7.70	1.16
21/08/2023 00:00	14.4	341085.4	38.99	3.46	16.71	1.05
21/08/2023 01:00	14.4	340041.6	39.75	3.50	17.78	1.05
21/08/2023 02:00	14.6	339392.9	36.02	2.74	16.97	0.86
21/08/2023 03:00	14.6	339071.5	15.81	1.75	17.78	0.07
21/08/2023 04:00	14.6	338542.5	13.44	1.71	19.07	0.09
21/08/2023 05:00	14.6	336133.2	4.87	1.71	19.29	0.00
21/08/2023 06:00	14.6	335686.6	7.37	1.71	18.07	0.04
21/08/2023 07:00	14.7	303998.0	12.51	1.65	14.37	0.07
21/08/2023 08:00	14.8	371435.6	14.47	1.50	19.18	0.09
21/08/2023 09:00	14.8	373241.8	7.30	1.50	18.59	0.02
21/08/2023 10:00	14.8	373958.6	3.78	0.84	17.93	0.09
21/08/2023 11:00	14.8	373221.9	0.18	0.91	17.13	0.07
21/08/2023 12:00	14.8	370969.1	1.77	1.39	16.68	0.02
21/08/2023 13:00	14.2	372425.5	12.54	2.41	14.72	1.21
21/08/2023 14:00	14.3	374550.3	1.67	5.35	15.93	1.48
21/08/2023 15:00	14.5	371956.2	32.35	2.50	17.53	1.77
21/08/2023 16:00	14.7	372853.1	34.16	3.11	17.99	2.89
21/08/2023 17:00	14.7	372564.9	34.54	2.79	17.98	3.13
21/08/2023 18:00	14.7	368207.2	33.55	3.59	18.17	3.26
21/08/2023 19:00	14.7	364631.7	33.44	3.73	18.92	3.41
21/08/2023 20:00	14.7	364523.6	34.33	3.87	17.39	3.75
21/08/2023 21:00	14.7	364196.5	32.58	3.71	18.37	3.34
21/08/2023 22:00	14.7	364856.4	32.65	3.89	20.26	3.54
21/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
22/08/2023 08:00	14.8	371498.2	32.14	3.98	18.26	3.53
22/08/2023 09:00	14.8	370627.8	34.12	3.88	15.77	3.47
22/08/2023 10:00	14.8	370849.7	34.03	3.54	15.54	3.36
22/08/2023 11:00	14.8	369421.8	33.67	3.01	15.45	3.26
22/08/2023 12:00	14.8	368864.3	32.91	2.65	15.86	3.20
22/08/2023 13:00	14.8	368147.4	32.22	2.54	15.87	3.17
22/08/2023 14:00	14.7	367444.9	29.54	2.44	16.27	3.16
22/08/2023 15:00	14.7	368303.9	27.40	2.22	16.37	3.03
22/08/2023 16:00	14.7	368861.4	26.45	2.06	16.21	3.00
22/08/2023 17:00	14.8	368320.9	30.77	2.13	16.37	3.08
22/08/2023 18:00	14.8	368565.6	30.06	2.08	16.50	3.04
22/08/2023 19:00	14.7	364296.1	28.27	1.91	17.99	2.95
22/08/2023 20:00	14.7	364062.8	27.67	1.72	19.27	2.84
22/08/2023 21:00	14.7	364213.6	26.73	1.69	20.54	2.83
22/08/2023 22:00	14.7	365584.6	26.26	1.70	20.64	2.86
22/08/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/08/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
23/08/2023 08:00	14.7	372906.2	26.81	2.16	18.13	3.06
23/08/2023 09:00	14.8	372607.5	27.94	1.97	17.25	2.92
23/08/2023 10:00	14.8	371475.4	29.93	2.04	16.39	2.94
23/08/2023 11:00	14.8	370809.8	29.14	1.95	16.80	2.97
23/08/2023 12:00	14.8	368682.2	28.16	1.87	16.84	2.99
23/08/2023 13:00	14.8	367860.2	29.05	1.72	16.44	2.92
23/08/2023 14:00	14.8	367871.5	27.33	1.72	16.23	2.78
23/08/2023 15:00	14.7	367999.5	24.64	1.84	16.75	2.82
23/08/2023 16:00	14.7	368488.8	25.13	1.91	16.98	2.83
23/08/2023 17:00	14.7	369916.7	24.65	1.87	17.48	2.86
23/08/2023 18:00	14.7	361864.1	24.80	1.76	18.24	2.69
23/08/2023 19:00	14.7	361500.0	25.13	1.67	18.89	2.78
23/08/2023 20:00	14.7	363903.5	22.48	1.12	18.95	2.55
23/08/2023 21:00	14.7	364739.8	26.46	1.90	19.32	2.89
23/08/2023 22:00	14.7	365701.2	25.59	1.81	19.08	2.88
23/08/2023 23:00	14.7	349297.1	24.45	1.49	17.16	2.81
24/08/2023 00:00	14.7	353421.8	24.15	1.74	17.17	2.94
24/08/2023 01:00	14.7	355074.4	20.35	1.05	17.73	2.58
24/08/2023 02:00	14.7	354414.5	22.08	1.29	17.35	2.80
24/08/2023 03:00	14.7	351390.8	24.35	1.87	16.97	2.96
24/08/2023 04:00	14.6	350108.0	22.20	1.40	17.19	2.78
24/08/2023 05:00	14.6	345309.4	22.18	1.40	16.76	2.75
24/08/2023 06:00	14.6	344555.6	19.89	0.98	16.54	2.59
24/08/2023 07:00	14.7	311012.4	25.02	1.05	13.41	2.58
24/08/2023 08:00	14.8	369000.8	26.99	1.90	16.88	2.92
24/08/2023 09:00	14.8	370639.2	25.39	1.27	16.61	2.68
24/08/2023 10:00	14.7	368278.3	25.77	1.22	15.89	2.71
24/08/2023 11:00	14.8	368932.5	26.53	1.20	15.78	2.70
24/08/2023 12:00	14.8	367410.7	27.10	1.32	16.12	2.79
24/08/2023 13:00	14.7	367811.8	24.89	1.35	16.54	2.69
24/08/2023 14:00	14.7	368960.9	21.34	1.10	16.44	2.50
24/08/2023 15:00	14.7	368926.8	24.52	1.34	17.89	2.66
24/08/2023 16:00	14.7	366139.3	20.65	0.60	19.00	2.38
24/08/2023 17:00	14.7	363767.0	25.96	1.66	18.94	2.80
24/08/2023 18:00	14.7	359159.0	22.18	1.03	18.18	2.61
24/08/2023 19:00	14.7	357671.3	23.17	1.40	18.24	2.70
24/08/2023 20:00	14.7	357790.8	18.61	0.62	18.39	2.34
24/08/2023 21:00	14.7	359488.9	18.66	0.62	18.88	2.38
24/08/2023 22:00	14.7	360783.2	22.36	1.11	19.00	2.65
24/08/2023 23:00	14.6	345339.1	21.85	1.00	17.64	2.63
25/08/2023 00:00	14.6	349479.3	21.47	1.35	17.20	2.81
25/08/2023 01:00	14.7	351356.7	22.51	1.42	17.46	2.71
25/08/2023 02:00	14.6	348048.6	21.34	1.29	16.90	2.64
25/08/2023 03:00	14.7	345244.0	22.42	1.47	16.68	2.76
25/08/2023 04:00	14.6	343659.6	22.09	1.35	16.65	2.71
25/08/2023 05:00	14.6	334159.2	20.72	1.17	15.95	2.63
25/08/2023 06:00	14.6	332304.6	19.59	1.13	15.16	2.58
25/08/2023 07:00	14.7	301593.4	25.81	0.89	12.43	2.61
25/08/2023 08:00	14.7	353151.5	22.35	1.32	15.40	2.82
25/08/2023 09:00	14.7	353970.7	23.22	0.97	14.80	2.53
25/08/2023 10:00	14.8	353711.9	25.74	1.51	14.94	2.85
25/08/2023 11:00	14.8	350446.5	24.90	1.29	14.81	2.83
25/08/2023 12:00	14.8	349251.8	23.52	0.88	14.74	2.65
25/08/2023 13:00	14.8	354098.7	24.63	1.12	15.66	2.69
25/08/2023 14:00	14.8	353145.8	25.61	1.35	15.48	2.77
25/08/2023 15:00	14.8	356380.0	25.37	1.33	15.57	2.75
25/08/2023 16:00	14.8	353703.3	24.67	1.19	15.11	2.72
25/08/2023 17:00	14.7	347200.9	21.83	0.88	14.96	2.64

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/08/2023 18:00	14.7	341967.2	17.48	0.29	15.66	2.29
25/08/2023 19:00	14.6	339023.2	21.64	0.78	16.05	2.55
25/08/2023 20:00	14.6	338218.2	20.54	0.66	16.16	2.48
25/08/2023 21:00	14.6	339634.7	22.31	1.13	16.20	2.66
25/08/2023 22:00	14.6	341628.7	22.16	1.22	16.27	2.74
25/08/2023 23:00	14.6	328298.0	23.73	1.35	14.70	2.79
26/08/2023 00:00	14.6	330908.0	21.50	1.30	14.65	2.73
26/08/2023 01:00	14.6	331101.4	22.93	1.72	15.11	2.78
26/08/2023 02:00	14.6	328840.1	21.08	1.38	15.28	2.61
26/08/2023 03:00	14.6	324570.6	17.61	0.81	14.82	2.43
26/08/2023 04:00	14.6	323088.6	18.23	0.96	14.58	2.43
26/08/2023 05:00	14.5	316202.2	17.68	0.94	13.49	2.57
26/08/2023 06:00	14.5	315621.9	18.48	1.07	13.51	2.57
26/08/2023 07:00	14.6	288685.1	26.80	1.22	11.24	2.71
26/08/2023 08:00	14.6	342666.9	20.96	1.22	14.72	2.80
26/08/2023 09:00	14.7	342581.6	23.60	1.37	14.19	2.74
26/08/2023 10:00	14.7	342928.6	22.71	0.99	13.97	2.61
26/08/2023 11:00	14.7	341466.6	24.84	1.38	13.47	2.75
26/08/2023 12:00	14.7	341250.4	22.09	0.65	13.83	2.44
26/08/2023 13:00	14.7	345013.6	21.98	0.83	14.73	2.39
26/08/2023 14:00	14.7	343551.5	23.54	1.08	14.78	2.50
26/08/2023 15:00	14.8	343295.5	25.78	1.68	14.65	2.81
26/08/2023 16:00	14.8	344623.9	25.62	1.45	14.67	2.75
26/08/2023 17:00	14.8	341233.3	24.36	1.40	14.74	2.76
26/08/2023 18:00	14.7	338880.9	22.68	1.08	14.80	2.74
26/08/2023 19:00	14.7	335979.6	21.72	0.87	14.82	2.61
26/08/2023 20:00	14.7	333089.7	21.55	0.96	14.61	2.62
26/08/2023 21:00	14.7	334153.5	18.88	0.53	14.72	2.38
26/08/2023 22:00	14.6	335979.6	21.03	0.87	15.05	2.60
26/08/2023 23:00	14.6	318594.2	23.59	1.35	13.59	2.68
27/08/2023 00:00	14.6	315200.9	19.05	0.84	13.04	2.55
27/08/2023 01:00	14.6	314669.0	20.75	1.27	13.13	2.68
27/08/2023 02:00	14.6	314188.3	21.28	1.45	13.24	2.72
27/08/2023 03:00	14.6	313044.9	19.70	1.12	13.20	2.60
27/08/2023 04:00	14.6	312265.5	20.20	1.29	13.16	2.67
27/08/2023 05:00	14.5	308826.6	19.17	1.14	12.83	2.60
27/08/2023 06:00	14.5	306403.1	16.52	0.65	12.61	2.47
27/08/2023 07:00	14.5	304588.3	17.09	0.76	12.20	2.51
27/08/2023 08:00	14.6	306932.2	21.10	1.49	11.88	2.70
27/08/2023 09:00	14.6	308988.7	18.26	0.70	11.81	2.40
27/08/2023 10:00	14.6	307156.9	21.12	1.20	11.16	2.59
27/08/2023 11:00	14.6	306451.4	21.25	0.98	11.06	2.55
27/08/2023 12:00	14.7	307441.3	19.40	0.65	11.23	2.56
27/08/2023 13:00	14.7	307390.1	22.58	1.26	11.50	2.96
27/08/2023 14:00	14.7	313647.9	22.14	1.26	11.87	3.29
27/08/2023 15:00	14.7	314376.1	22.65	1.35	12.17	2.99
27/08/2023 16:00	14.7	316557.8	21.70	1.01	12.71	2.59
27/08/2023 17:00	14.8	286233.3	27.39	0.86	10.62	2.78
27/08/2023 18:00	14.7	344174.5	23.81	1.53	15.32	4.38
27/08/2023 19:00	14.8	347690.2	25.42	1.61	16.03	3.42
27/08/2023 20:00	14.7	348364.3	24.30	1.31	15.98	2.89
27/08/2023 21:00	14.7	348677.2	25.93	1.82	16.06	3.13
27/08/2023 22:00	14.7	347747.1	23.30	1.32	16.16	3.11
27/08/2023 23:00	14.6	317888.7	23.63	1.27	13.57	2.82
28/08/2023 00:00	14.6	323566.5	19.48	0.88	14.05	2.54
28/08/2023 01:00	14.6	321900.1	20.06	1.06	14.12	2.67
28/08/2023 02:00	14.6	321199.9	19.20	1.01	14.08	2.55
28/08/2023 03:00	14.6	319965.4	21.36	1.52	14.14	2.73
28/08/2023 04:00	14.6	320887.0	17.63	0.83	14.27	2.44
28/08/2023 05:00	14.6	321168.6	19.85	1.23	14.41	2.57
28/08/2023 06:00	14.6	323228.0	20.50	1.36	14.45	2.73
28/08/2023 07:00	14.6	296015.0	24.44	1.04	12.02	2.61
28/08/2023 08:00	14.7	365288.8	24.87	1.62	17.53	2.77
28/08/2023 09:00	14.8	368636.7	25.28	1.45	17.28	2.68
28/08/2023 10:00	14.8	366304.3	24.81	1.07	16.32	2.55
28/08/2023 11:00	14.8	364836.5	24.92	0.73	15.57	2.47

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/08/2023 12:00	14.8	363840.9	24.09	0.59	15.61	2.32
28/08/2023 13:00	14.8	364028.7	26.48	0.93	16.37	2.47
28/08/2023 14:00	14.7	365413.9	19.15	0.27	16.74	2.12
28/08/2023 15:00	14.7	366344.1	15.51	0.25	16.41	2.04
28/08/2023 16:00	14.7	368167.3	14.75	0.13	16.70	2.02
28/08/2023 17:00	14.7	368980.9	19.12	0.54	16.84	2.35
28/08/2023 18:00	14.7	365342.8	18.65	0.31	17.37	2.35
28/08/2023 19:00	14.7	367129.1	20.06	0.25	18.39	2.32
28/08/2023 20:00	14.7	368562.7	18.22	0.09	18.44	2.23
28/08/2023 21:00	14.7	368702.1	18.00	0.11	18.23	2.24
28/08/2023 22:00	14.7	368943.9	19.69	0.13	18.32	2.27
28/08/2023 23:00	14.7	350033.8	24.01	0.47	16.64	2.40
29/08/2023 00:00	14.7	354002.0	21.49	0.49	17.16	2.43
29/08/2023 01:00	14.7	354371.8	20.47	0.45	17.44	2.38
29/08/2023 02:00	14.7	353524.2	16.39	0.20	17.37	2.14
29/08/2023 03:00	14.6	350554.6	18.98	0.40	17.50	2.38
29/08/2023 04:00	14.7	349624.4	20.71	0.58	17.75	2.42
29/08/2023 05:00	14.6	343918.5	17.85	0.40	16.83	2.28
29/08/2023 06:00	14.6	344538.6	16.49	0.18	17.38	2.13
29/08/2023 07:00	14.7	340632.9	19.72	0.33	17.05	2.21
29/08/2023 08:00	14.7	369765.9	19.61	0.25	18.56	2.25
29/08/2023 09:00	14.8	370903.7	21.90	0.27	17.69	2.38
29/08/2023 10:00	14.8	369325.0	23.28	0.25	16.59	2.42
29/08/2023 11:00	14.8	369279.5	26.33	0.63	16.89	2.60
29/08/2023 12:00	14.8	368218.6	21.76	0.18	17.01	2.27
29/08/2023 13:00	14.8	369273.8	22.94	0.29	16.84	2.42
29/08/2023 14:00	14.8	366622.8	21.11	0.05	16.64	2.29
29/08/2023 15:00	14.8	366065.3	23.24	0.11	17.12	2.45
29/08/2023 16:00	14.8	366739.4	22.94	0.36	17.43	2.44
29/08/2023 17:00	14.7	366881.7	20.70	0.09	17.75	2.28
29/08/2023 18:00	14.8	367925.6	22.57	0.18	17.93	2.49
29/08/2023 19:00	14.7	367695.2	17.96	0.14	18.29	2.16
29/08/2023 20:00	14.7	369774.5	16.72	0.00	19.37	2.03
29/08/2023 21:00	14.7	370417.3	18.52	0.07	19.49	2.21
29/08/2023 22:00	14.7	369800.1	19.96	0.11	19.40	2.23
29/08/2023 23:00	14.7	349985.5	21.23	0.22	17.36	2.30
30/08/2023 00:00	14.7	356843.6	14.50	0.07	18.15	1.98
30/08/2023 01:00	14.7	358794.9	20.70	0.47	18.43	2.45
30/08/2023 02:00	14.7	357537.7	18.50	0.29	18.28	2.29
30/08/2023 03:00	14.7	355193.8	17.46	0.31	18.44	2.18
30/08/2023 04:00	14.6	350736.6	19.38	0.60	18.27	2.49
30/08/2023 05:00	14.6	345719.0	17.70	0.33	17.92	2.35
30/08/2023 06:00	14.6	346953.5	15.58	0.20	18.53	2.32
30/08/2023 07:00	14.6	312137.4	17.98	0.09	15.64	2.23
30/08/2023 08:00	14.7	373136.6	20.31	0.42	20.67	2.46
30/08/2023 09:00	14.7	373128.1	20.72	0.13	19.33	2.40
30/08/2023 10:00	14.8	371037.4	21.61	0.16	17.54	2.37
30/08/2023 11:00	14.8	368156.0	21.64	0.16	15.46	2.31
30/08/2023 12:00	14.8	366500.5	22.53	0.18	16.03	2.38
30/08/2023 13:00	14.8	365294.5	21.54	0.18	16.73	2.31
30/08/2023 14:00	14.8	364017.3	23.02	0.30	16.86	2.48
30/08/2023 15:00	14.8	365109.6	24.01	0.48	16.78	2.54
30/08/2023 16:00	14.7	365473.7	21.64	0.20	16.95	2.44
30/08/2023 17:00	14.7	367752.1	22.10	0.11	18.27	2.32
30/08/2023 18:00	14.7	368127.5	19.15	0.09	18.85	2.17
30/08/2023 19:00	14.7	366682.6	19.78	0.29	20.38	2.32
30/08/2023 20:00	14.6	365937.3	18.30	0.29	21.89	2.18
30/08/2023 21:00	14.6	365945.8	19.05	0.31	23.31	2.26
30/08/2023 22:00	14.6	366941.4	17.38	0.31	23.34	2.19
30/08/2023 23:00	14.6	350585.8	18.26	0.24	20.62	2.36
31/08/2023 00:00	14.6	355262.1	16.15	0.18	21.80	2.21
31/08/2023 01:00	14.6	355765.6	15.73	0.20	23.09	2.20
31/08/2023 02:00	14.6	354923.6	14.49	0.13	23.06	2.16
31/08/2023 03:00	14.6	351513.1	17.63	0.44	23.61	2.37
31/08/2023 04:00	14.5	348657.3	16.37	0.31	22.07	2.27
31/08/2023 05:00	14.6	344925.4	16.86	0.53	23.13	2.37

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/08/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/08/2023 06:00	14.6	345207.0	15.33	0.18	21.86	2.28
31/08/2023 07:00	14.5	312629.6	16.13	0.09	17.03	2.21
31/08/2023 08:00	14.7	368869.9	15.15	0.11	19.37	2.31
31/08/2023 09:00	14.7	370969.1	19.13	0.32	16.42	2.37
31/08/2023 10:00	14.7	370158.5	21.85	0.41	15.88	2.43
31/08/2023 11:00	14.7	368807.3	21.68	0.18	16.11	2.39
31/08/2023 12:00	14.8	366565.9	21.81	0.32	15.87	2.76
31/08/2023 13:00	14.7	370932.2	16.46	0.20	16.43	2.31
31/08/2023 14:00	14.7	374300.0	16.79	0.18	17.11	2.31
31/08/2023 15:00	14.7	375321.1	18.92	0.36	16.59	2.67
31/08/2023 16:00	14.7	374425.1	17.52	0.20	17.10	2.35
31/08/2023 17:00	14.6	369251.1	17.28	0.11	19.99	2.49
31/08/2023 18:00	14.6	359890.0	18.08	0.07	24.24	2.11
31/08/2023 19:00	14.6	361642.2	16.28	0.09	21.95	2.11
31/08/2023 20:00	14.6	364725.6	17.56	0.15	21.23	2.12
31/08/2023 21:00	14.6	363425.7	18.42	0.18	22.34	2.14
31/08/2023 22:00	14.6	364446.8	17.82	0.15	26.41	2.09
31/08/2023 23:00	14.6	347616.3	16.27	0.20	26.09	2.02
Minimum	14.15	264,515.70	0.18	0.00	4.64	0.00
Maximum	14.83	378,646.30	50.96	5.35	26.41	4.38
Avg	14.64	358,592.27	31.92	1.36	11.19	1.72
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/09/2023 00:00	14.9	330321.9	28.63	2.23	11.58	0.46
01/09/2023 01:00	14.9	332247.7	28.33	2.25	9.76	0.46
01/09/2023 02:00	14.8	331371.6	27.85	2.38	11.20	0.44
01/09/2023 03:00	14.8	330074.5	27.43	2.35	10.33	0.50
01/09/2023 04:00	14.8	325876.1	26.98	2.33	8.33	0.43
01/09/2023 05:00	14.8	319797.5	26.37	2.43	7.28	0.48
01/09/2023 06:00	14.8	319524.4	25.80	2.23	7.61	0.57
01/09/2023 07:00	14.8	324277.5	26.15	2.45	6.14	0.64
01/09/2023 08:00	14.9	353214.1	32.46	2.36	6.44	0.89
01/09/2023 09:00	15.0	350449.2	31.80	2.38	5.95	0.99
01/09/2023 10:00	15.0	350062.4	33.19	2.33	6.02	0.99
01/09/2023 11:00	15.0	349228.9	34.26	1.97	5.80	0.89
01/09/2023 12:00	15.0	347565.0	34.74	2.04	5.79	0.75
01/09/2023 13:00	14.9	347047.3	36.42	1.76	5.88	0.70
01/09/2023 14:00	14.9	346771.4	36.41	1.61	6.05	0.94
01/09/2023 15:00	14.9	346538.2	36.57	1.50	5.94	0.87
01/09/2023 16:00	14.9	346871.0	36.77	1.52	5.92	1.13
01/09/2023 17:00	14.9	348344.4	36.98	1.62	5.87	0.88
01/09/2023 18:00	14.9	347812.5	33.29	1.70	5.80	0.44
01/09/2023 19:00	14.9	347630.4	31.76	1.75	6.29	1.05
01/09/2023 20:00	14.9	348068.5	31.88	1.86	6.36	0.37
01/09/2023 21:00	14.9	348657.3	32.18	1.79	6.40	0.40
01/09/2023 22:00	14.9	346962.0	30.53	1.88	6.53	0.37
01/09/2023 23:00	15.0	321258.8	33.38	1.92	6.59	0.42
02/09/2023 00:00	14.9	355850.9	31.40	2.07	6.87	0.44
02/09/2023 01:00	14.9	356621.8	31.16	2.13	8.34	0.53
02/09/2023 02:00	14.9	355850.9	30.58	1.99	8.74	0.46
02/09/2023 03:00	14.9	355694.3	30.24	2.12	9.24	0.41
02/09/2023 04:00	14.9	357128.0	33.19	2.30	7.02	0.56
02/09/2023 05:00	14.9	357079.6	34.54	2.22	6.62	0.65
02/09/2023 06:00	14.9	357554.7	34.89	2.36	6.53	0.65
02/09/2023 07:00	14.9	284412.3	32.94	2.30	5.76	1.21
02/09/2023 08:00	15.0	349650.0	33.50	2.27	6.12	1.05
02/09/2023 09:00	15.0	350691.1	34.60	2.29	6.14	1.01
02/09/2023 10:00	15.0	349052.6	36.69	2.02	5.88	0.78
02/09/2023 11:00	14.9	348210.7	38.18	1.96	5.45	0.42
02/09/2023 12:00	14.9	347576.3	37.60	1.73	5.69	0.33
02/09/2023 13:00	14.9	345454.4	37.95	1.60	5.78	0.44
02/09/2023 14:00	14.9	345192.7	37.13	1.57	5.84	0.48
02/09/2023 15:00	14.9	344595.4	37.17	1.43	5.85	0.53
02/09/2023 16:00	14.8	347229.4	30.17	1.55	5.83	0.98
02/09/2023 17:00	14.9	347764.1	32.81	1.54	6.16	1.01
02/09/2023 18:00	14.8	343634.0	28.69	1.63	5.86	0.87
02/09/2023 19:00	14.9	341972.8	30.75	1.61	6.28	0.37
02/09/2023 20:00	14.8	340729.8	29.91	1.65	9.27	0.30
02/09/2023 21:00	14.9	339853.7	29.83	1.93	7.87	0.37
02/09/2023 22:00	14.9	341873.3	29.53	1.80	7.27	0.37
02/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/09/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/09/2023 18:00	14.9	338226.7	32.88	2.07	6.20	0.30
03/09/2023 19:00	14.9	339202.3	33.18	1.98	6.43	0.28
03/09/2023 20:00	14.9	340951.6	32.60	2.12	6.51	0.63
03/09/2023 21:00	14.9	341136.5	31.60	2.15	6.41	0.98
03/09/2023 22:00	14.9	339498.1	30.31	2.07	6.58	0.95
03/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/09/2023 07:00	15.0	211201.7	36.05	1.89	7.62	1.68
04/09/2023 08:00	15.0	352377.8	37.12	2.43	6.45	1.68
04/09/2023 09:00	14.9	354354.7	35.53	2.44	6.36	0.63
04/09/2023 10:00	15.0	352437.6	36.95	2.29	6.32	0.80
04/09/2023 11:00	15.0	349778.0	36.19	2.20	6.19	0.93
04/09/2023 12:00	14.9	346304.9	32.68	2.01	5.99	1.06
04/09/2023 13:00	14.8	347530.8	30.88	1.78	6.19	0.98
04/09/2023 14:00	14.8	349402.5	28.39	1.68	6.19	0.93
04/09/2023 15:00	14.8	349678.4	28.50	1.61	6.19	0.91
04/09/2023 16:00	14.8	352019.4	29.14	1.71	6.28	0.82
04/09/2023 17:00	14.8	352411.9	28.85	1.73	6.12	1.14
04/09/2023 18:00	14.9	348088.4	29.59	1.88	6.23	0.67
04/09/2023 19:00	14.9	350656.9	33.63	1.94	6.53	0.42
04/09/2023 20:00	14.9	351715.0	33.95	1.93	6.54	0.40
04/09/2023 21:00	15.0	352269.7	33.71	2.13	6.52	0.47
04/09/2023 22:00	15.0	351894.3	33.25	2.00	6.34	0.80
04/09/2023 23:00	14.9	332623.2	33.25	2.17	6.05	1.09
05/09/2023 00:00	15.0	355589.2	37.54	2.13	6.21	1.10
05/09/2023 01:00	14.9	356203.6	37.99	2.24	6.32	0.91
05/09/2023 02:00	14.9	356419.8	37.37	2.21	6.29	1.05
05/09/2023 03:00	14.9	357241.9	37.32	2.29	6.20	0.93
05/09/2023 04:00	15.0	356522.2	36.49	2.38	6.33	0.72
05/09/2023 05:00	15.0	357455.2	35.64	2.32	6.39	0.75
05/09/2023 06:00	15.0	357958.6	35.09	2.58	6.47	0.35
05/09/2023 07:00	14.9	288357.6	33.33	2.39	5.97	0.46
05/09/2023 08:00	15.0	352881.3	35.46	2.38	6.43	0.42
05/09/2023 09:00	15.0	352949.5	36.46	2.40	6.33	0.85
05/09/2023 10:00	15.0	352878.4	37.52	2.17	6.22	0.97
05/09/2023 11:00	15.0	351365.2	37.28	2.25	6.15	1.04
05/09/2023 12:00	15.0	347701.6	34.88	1.95	6.09	0.89
05/09/2023 13:00	14.9	349667.0	37.44	1.98	6.08	0.86
05/09/2023 14:00	14.9	349880.4	37.77	1.73	6.04	0.97
05/09/2023 15:00	14.9	349300.0	37.98	1.76	6.06	1.16
05/09/2023 16:00	14.9	349823.5	38.35	1.86	6.01	1.23
05/09/2023 17:00	15.0	350827.5	37.66	1.82	6.12	1.14
05/09/2023 18:00	14.9	345170.0	31.40	1.91	6.07	0.67
05/09/2023 19:00	15.0	348020.1	35.68	1.82	6.18	0.87
05/09/2023 20:00	15.0	349712.5	36.17	2.15	6.29	0.92
05/09/2023 21:00	15.0	348768.2	36.23	2.04	6.35	0.92
05/09/2023 22:00	15.0	348850.8	36.62	2.11	6.31	0.93
05/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/09/2023 07:00	15.1	217067.7	36.43	3.85	8.27	1.69
06/09/2023 08:00	15.1	353310.7	37.38	2.47	6.42	1.69
06/09/2023 09:00	15.1	352733.4	40.07	2.49	6.37	0.96
06/09/2023 10:00	15.1	351669.6	39.73	2.30	6.06	0.89
06/09/2023 11:00	15.1	349578.8	38.25	2.08	6.00	0.81

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/09/2023 12:00	15.1	346873.7	37.40	1.95	6.06	1.00
06/09/2023 13:00	15.0	349041.2	39.10	1.80	6.16	0.91
06/09/2023 14:00	14.9	356675.8	33.23	1.73	6.00	0.83
06/09/2023 15:00	14.9	350355.4	31.34	1.69	5.95	0.95
06/09/2023 16:00	14.9	350506.1	31.54	1.86	6.08	0.88
06/09/2023 17:00	15.0	351737.8	35.86	1.93	6.20	1.08
06/09/2023 18:00	15.0	347792.6	36.23	1.89	6.30	0.99
06/09/2023 19:00	15.0	348145.2	36.08	2.16	6.29	0.97
06/09/2023 20:00	15.1	349203.4	36.07	1.97	6.25	0.97
06/09/2023 21:00	15.0	348079.8	34.76	2.15	6.25	0.78
06/09/2023 22:00	15.0	347112.8	33.44	2.05	6.44	0.64
06/09/2023 23:00	15.0	338519.5	34.47	2.25	6.67	0.56
07/09/2023 00:00	15.0	356579.0	34.76	2.23	6.84	0.19
07/09/2023 01:00	15.0	355370.1	33.74	2.32	9.78	0.12
07/09/2023 02:00	15.0	356024.3	33.60	2.41	8.21	0.28
07/09/2023 03:00	15.0	356502.2	33.40	2.44	6.94	0.33
07/09/2023 04:00	15.0	356010.2	33.05	2.55	6.73	0.28
07/09/2023 05:00	15.0	355879.2	32.18	2.46	6.86	0.49
07/09/2023 06:00	15.0	357275.9	33.35	2.63	6.49	0.71
07/09/2023 07:00	14.9	295102.5	30.93	2.53	6.13	0.74
07/09/2023 08:00	15.0	351228.7	32.65	2.57	6.67	0.68
07/09/2023 09:00	15.0	352190.1	33.07	2.44	6.48	1.00
07/09/2023 10:00	15.1	352542.8	34.46	2.36	6.21	0.64
07/09/2023 11:00	15.1	350477.7	35.46	2.31	5.88	0.36
07/09/2023 12:00	15.1	349007.1	35.92	2.02	5.76	0.24
07/09/2023 13:00	15.0	350443.6	40.19	2.05	5.82	0.26
07/09/2023 14:00	15.0	350372.4	39.09	1.88	5.87	0.26
07/09/2023 15:00	14.9	348017.3	30.50	1.82	6.19	0.81
07/09/2023 16:00	14.9	349778.0	30.66	1.75	6.10	0.88
07/09/2023 17:00	14.9	350338.3	33.47	1.75	5.99	0.86
07/09/2023 18:00	15.0	349647.1	35.65	1.99	6.22	0.83
07/09/2023 19:00	15.0	348836.5	34.84	1.99	6.36	0.80
07/09/2023 20:00	15.0	351021.0	35.31	1.99	6.37	0.90
07/09/2023 21:00	15.0	350523.2	35.06	1.97	6.43	0.93
07/09/2023 22:00	15.0	349758.1	34.48	2.08	6.35	0.88
07/09/2023 23:00	15.0	337226.7	34.59	2.16	6.32	0.99
08/09/2023 00:00	15.0	357039.9	37.58	2.05	6.62	0.92
08/09/2023 01:00	15.0	357688.4	37.09	2.34	6.55	0.73
08/09/2023 02:00	15.0	357665.6	36.77	2.31	6.40	0.73
08/09/2023 03:00	15.0	358325.6	35.75	2.34	6.44	0.83
08/09/2023 04:00	15.0	358354.0	35.61	2.36	6.44	0.38
08/09/2023 05:00	15.0	357531.9	35.27	2.40	6.41	0.21
08/09/2023 06:00	15.0	357529.0	35.03	2.45	6.76	0.35
08/09/2023 07:00	14.9	294707.0	32.01	2.35	6.04	1.02
08/09/2023 08:00	15.0	352434.7	34.25	2.51	6.52	0.92
08/09/2023 09:00	15.1	352030.8	34.71	2.35	6.58	0.76
08/09/2023 10:00	15.1	351424.9	35.25	2.19	6.19	0.74
08/09/2023 11:00	15.0	350472.0	36.88	2.17	5.91	0.73
08/09/2023 12:00	15.0	349945.8	36.13	1.91	6.04	0.71
08/09/2023 13:00	15.0	348495.1	37.89	1.85	6.01	0.73
08/09/2023 14:00	14.9	347997.4	30.26	1.63	5.95	0.51
08/09/2023 15:00	14.8	350059.6	29.22	1.63	6.02	0.78
08/09/2023 16:00	14.8	350437.9	29.54	1.58	6.00	0.85
08/09/2023 17:00	14.9	349590.2	30.06	1.71	6.04	0.76
08/09/2023 18:00	14.9	346435.8	30.77	1.88	6.01	0.74
08/09/2023 19:00	15.0	349260.3	35.33	1.91	6.16	0.76
08/09/2023 20:00	15.0	351049.4	36.44	1.97	6.20	0.66
08/09/2023 21:00	15.0	350281.4	35.83	1.92	6.25	0.76
08/09/2023 22:00	15.0	348290.3	34.57	2.08	6.35	0.68
08/09/2023 23:00	15.0	340873.4	34.87	2.08	6.34	0.66
09/09/2023 00:00	15.0	356772.5	33.99	2.11	6.42	0.94
09/09/2023 01:00	15.0	357785.1	37.54	2.35	6.47	0.82
09/09/2023 02:00	15.0	358129.2	36.74	2.21	6.42	0.85
09/09/2023 03:00	15.0	358683.9	36.55	2.45	6.40	0.68
09/09/2023 04:00	15.0	358513.4	35.92	2.49	6.39	0.75
09/09/2023 05:00	15.0	358245.8	35.45	2.37	6.50	0.70

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/09/2023 06:00	15.0	358251.6	35.62	2.63	6.46	0.85
09/09/2023 07:00	14.9	293001.8	32.94	2.37	5.93	1.00
09/09/2023 08:00	15.0	347394.4	33.62	2.52	6.10	0.99
09/09/2023 09:00	15.0	346677.5	34.15	2.34	6.09	0.90
09/09/2023 10:00	15.0	346154.1	34.67	2.32	5.94	0.78
09/09/2023 11:00	15.0	345750.2	35.34	2.15	5.91	0.71
09/09/2023 12:00	15.0	345292.3	35.02	1.86	6.00	0.80
09/09/2023 13:00	15.0	347422.8	36.77	1.94	6.12	0.96
09/09/2023 14:00	14.9	345172.8	33.06	1.70	6.04	0.80
09/09/2023 15:00	14.8	344111.8	28.07	1.66	5.95	0.64
09/09/2023 16:00	14.8	345198.5	28.16	1.64	6.01	0.68
09/09/2023 17:00	14.8	343873.0	28.96	1.78	5.57	0.52
09/09/2023 18:00	14.8	339330.4	30.69	1.92	8.43	0.64
09/09/2023 19:00	14.9	335569.9	31.02	2.11	7.67	0.25
09/09/2023 20:00	14.9	336070.6	30.84	2.35	7.69	0.21
09/09/2023 21:00	14.9	337404.7	30.41	2.22	7.35	0.21
09/09/2023 22:00	14.9	338630.6	30.30	2.43	7.37	0.25
09/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/09/2023 18:00	14.9	335291.3	31.31	2.17	6.44	0.23
10/09/2023 19:00	14.9	336838.6	32.80	2.12	6.37	0.21
10/09/2023 20:00	14.9	338437.2	32.00	2.15	6.41	0.30
10/09/2023 21:00	15.0	339543.7	31.21	2.13	6.38	0.26
10/09/2023 22:00	14.9	338272.2	31.23	2.26	6.44	0.16
10/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/09/2023 07:00	15.0	213758.7	32.76	2.82	10.28	0.28
11/09/2023 08:00	15.0	353788.6	34.90	2.82	7.10	0.28
11/09/2023 09:00	15.1	351018.2	37.08	2.71	6.64	0.76
11/09/2023 10:00	15.1	351911.3	36.85	2.47	6.37	0.90
11/09/2023 11:00	15.0	350415.1	36.45	2.40	6.36	1.01
11/09/2023 12:00	15.0	349061.2	37.77	2.27	6.32	1.03
11/09/2023 13:00	15.0	351410.8	40.60	2.29	6.48	1.03
11/09/2023 14:00	14.9	351410.6	36.41	2.14	6.33	1.14
11/09/2023 15:00	14.9	352588.2	32.06	2.15	6.43	0.65
11/09/2023 16:00	14.9	348398.5	33.17	2.12	6.44	0.77
11/09/2023 17:00	15.0	350517.5	37.78	2.13	6.55	0.92
11/09/2023 18:00	15.0	346268.0	36.30	2.31	6.50	0.99
11/09/2023 19:00	15.0	346546.7	35.19	2.16	6.51	0.94
11/09/2023 20:00	15.0	347311.8	33.82	2.27	6.56	0.35
11/09/2023 21:00	15.0	346615.0	32.34	2.18	6.55	0.28
11/09/2023 22:00	15.0	346944.9	32.18	2.34	6.41	0.35
11/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/09/2023 07:00	15.0	216236.5	32.69	4.07	9.03	0.35
12/09/2023 08:00	15.0	354852.5	35.62	2.60	6.97	0.35
12/09/2023 09:00	15.1	354829.7	38.24	2.62	6.75	0.79
12/09/2023 10:00	15.1	353199.8	37.80	2.28	6.71	0.93
12/09/2023 11:00	15.1	349558.9	37.49	2.33	6.37	0.93
12/09/2023 12:00	15.0	349925.9	37.41	2.13	6.38	1.04
12/09/2023 13:00	15.0	351606.9	40.12	2.00	6.28	1.06
12/09/2023 14:00	15.0	353640.7	39.56	2.09	6.40	0.82
12/09/2023 15:00	15.0	353694.8	36.66	2.00	6.50	0.68
12/09/2023 16:00	15.0	352118.9	34.96	2.06	6.46	0.75
12/09/2023 17:00	15.0	349786.5	34.35	2.04	6.51	0.49
12/09/2023 18:00	15.0	346287.8	32.50	2.10	6.49	0.42
12/09/2023 19:00	15.0	345178.5	33.68	2.07	6.33	0.47
12/09/2023 20:00	15.0	346211.0	33.92	2.35	6.40	0.45
12/09/2023 21:00	15.0	345371.9	33.76	2.19	6.55	0.42
12/09/2023 22:00	15.0	345858.3	33.51	2.34	6.32	0.83
12/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/09/2023 07:00	15.1	218326.5	35.90	3.92	8.15	0.21
13/09/2023 08:00	15.1	353424.5	36.95	2.64	6.63	0.21
13/09/2023 09:00	15.1	354408.7	39.42	2.52	6.66	0.48
13/09/2023 10:00	15.1	355392.9	38.55	2.46	6.50	0.98
13/09/2023 11:00	15.1	350221.8	37.27	2.22	6.29	1.05
13/09/2023 12:00	15.1	351160.4	37.84	2.26	6.24	0.88
13/09/2023 13:00	15.1	352872.7	37.99	2.04	6.32	0.86
13/09/2023 14:00	15.0	352662.3	38.46	2.08	6.24	0.97
13/09/2023 15:00	15.0	351314.0	37.98	1.88	6.26	0.82
13/09/2023 16:00	15.0	353620.9	37.81	1.85	6.14	0.68
13/09/2023 17:00	15.0	353418.9	35.26	1.88	6.35	0.66
13/09/2023 18:00	15.0	347701.5	35.39	1.86	6.43	0.85
13/09/2023 19:00	15.0	347311.9	34.53	2.09	6.75	0.64
13/09/2023 20:00	15.0	347402.8	34.03	2.09	6.30	0.64
13/09/2023 21:00	15.0	347823.8	33.90	2.17	6.50	0.71
13/09/2023 22:00	15.0	347684.5	33.69	2.12	6.53	0.64
13/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/09/2023 07:00	15.0	219302.0	35.07	3.97	8.28	0.78
14/09/2023 08:00	15.0	352434.7	33.68	2.45	6.61	0.78
14/09/2023 09:00	15.1	352542.8	38.03	2.62	6.50	0.79
14/09/2023 10:00	15.1	353214.0	38.42	2.28	6.19	0.79
14/09/2023 11:00	15.1	352716.4	37.47	2.33	6.25	0.64
14/09/2023 12:00	15.0	350108.0	36.96	1.99	6.25	0.59
14/09/2023 13:00	14.9	350543.1	34.39	1.93	6.13	0.63
14/09/2023 14:00	14.9	353296.6	31.06	1.82	6.04	0.57
14/09/2023 15:00	14.9	353211.2	31.02	1.68	6.07	0.74
14/09/2023 16:00	14.9	353711.8	30.98	1.86	5.94	0.44
14/09/2023 17:00	14.9	349815.0	32.06	1.76	6.45	0.42

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/09/2023 18:00	14.9	346017.6	34.07	2.19	6.79	0.84
14/09/2023 19:00	14.9	344026.5	32.88	2.14	6.52	0.72
14/09/2023 20:00	14.9	343844.4	33.37	2.19	6.67	0.21
14/09/2023 21:00	14.9	343622.6	32.49	2.24	6.93	0.19
14/09/2023 22:00	15.0	342029.7	31.86	2.29	6.87	0.21
14/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/09/2023 07:00	14.9	212981.6	34.80	4.08	8.42	1.84
15/09/2023 08:00	14.9	341921.6	32.09	2.68	6.44	1.84
15/09/2023 09:00	15.0	337942.2	33.55	2.61	6.36	1.15
15/09/2023 10:00	15.0	338821.1	34.02	2.47	6.24	0.94
15/09/2023 11:00	15.0	337865.4	33.45	2.36	6.08	0.90
15/09/2023 12:00	15.0	334469.2	32.32	2.09	6.00	1.08
15/09/2023 13:00	15.0	337171.5	32.71	2.27	6.15	1.08
15/09/2023 14:00	14.9	336696.4	32.74	2.08	6.23	1.00
15/09/2023 15:00	14.9	334039.6	32.81	2.12	6.31	0.81
15/09/2023 16:00	14.9	334181.9	32.62	1.98	6.24	0.28
15/09/2023 17:00	14.9	332793.9	32.01	2.09	6.18	0.30
15/09/2023 18:00	14.9	327981.0	30.64	2.01	6.14	0.44
15/09/2023 19:00	14.8	322906.5	28.53	1.99	6.45	1.07
15/09/2023 20:00	14.8	319772.0	28.80	2.24	7.44	0.82
15/09/2023 21:00	14.8	320309.6	29.45	2.29	6.70	0.32
15/09/2023 22:00	14.8	320201.4	29.13	2.39	6.47	0.18
15/09/2023 23:00	14.8	301660.9	30.09	2.43	6.30	0.18
16/09/2023 00:00	14.7	294672.6	26.10	2.39	6.08	0.29
16/09/2023 01:00	14.7	295807.4	25.29	2.48	6.04	0.56
16/09/2023 02:00	14.7	295221.5	26.67	2.55	6.04	0.65
16/09/2023 03:00	14.8	292735.5	28.21	2.55	6.22	0.70
16/09/2023 04:00	14.8	292013.0	28.41	2.64	6.26	0.79
16/09/2023 05:00	14.8	288067.7	28.88	2.58	6.26	0.81
16/09/2023 06:00	14.8	290744.4	29.05	2.68	6.17	0.73
16/09/2023 07:00	14.9	268197.7	30.75	2.74	6.35	0.35
16/09/2023 08:00	14.9	322297.8	26.72	2.67	6.12	1.43
16/09/2023 09:00	14.9	320502.9	28.73	2.62	5.94	1.28
16/09/2023 10:00	14.9	319228.6	29.19	2.51	5.73	1.30
16/09/2023 11:00	14.9	318122.2	29.26	2.17	5.55	1.04
16/09/2023 12:00	14.9	320739.0	29.53	2.12	5.56	0.97
16/09/2023 13:00	14.9	321831.4	29.72	1.99	5.79	1.16
16/09/2023 14:00	14.9	324388.5	30.16	1.89	5.86	0.85
16/09/2023 15:00	14.8	322670.4	28.42	1.78	5.81	0.16
16/09/2023 16:00	14.8	321418.9	28.10	1.96	6.16	0.11
16/09/2023 17:00	14.8	319129.1	27.66	1.90	6.20	0.32
16/09/2023 18:00	14.8	312786.0	27.57	2.00	7.04	0.14
16/09/2023 19:00	14.8	312154.5	27.37	2.04	9.08	0.14
16/09/2023 20:00	14.8	311195.9	27.48	2.23	9.78	0.18
16/09/2023 21:00	14.8	311213.0	26.50	2.23	6.97	0.23
16/09/2023 22:00	14.8	313588.1	26.45	2.37	7.74	0.16
16/09/2023 23:00	14.9	309548.3	28.73	2.38	8.56	0.12
17/09/2023 00:00	14.9	353521.2	30.19	2.39	8.32	0.12
17/09/2023 01:00	14.9	352326.6	30.58	2.55	8.94	0.14
17/09/2023 02:00	14.9	352121.8	30.02	2.45	10.85	0.12
17/09/2023 03:00	14.9	352096.2	30.18	2.66	11.49	0.12
17/09/2023 04:00	14.9	351678.1	30.02	2.52	9.51	0.14
17/09/2023 05:00	14.9	351624.1	29.86	2.71	9.44	0.19
17/09/2023 06:00	14.9	351387.9	29.56	2.59	9.55	0.21
17/09/2023 07:00	14.9	351467.6	29.26	2.55	8.08	0.21
17/09/2023 08:00	15.0	353259.6	31.25	2.56	7.14	0.33
17/09/2023 09:00	15.0	353037.8	35.88	2.54	6.57	0.42
17/09/2023 10:00	15.0	351387.9	37.04	2.37	6.19	0.33
17/09/2023 11:00	15.0	350082.3	37.83	2.20	6.28	0.47

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/09/2023 12:00	15.0	348472.4	37.40	2.03	6.42	0.61
17/09/2023 13:00	14.9	347619.0	37.25	2.00	6.31	0.68
17/09/2023 14:00	14.9	346754.3	37.46	1.86	6.38	0.56
17/09/2023 15:00	14.9	348128.2	37.63	1.91	6.32	0.40
17/09/2023 16:00	14.9	348421.1	36.36	1.84	6.34	0.16
17/09/2023 17:00	14.9	279881.4	31.29	1.91	6.05	0.12
17/09/2023 18:00	14.8	312649.5	25.43	1.73	6.57	0.16
17/09/2023 19:00	14.8	314606.4	26.43	1.92	7.61	0.55
17/09/2023 20:00	14.8	314236.7	27.25	1.83	6.79	0.69
17/09/2023 21:00	14.8	315038.8	27.55	2.11	7.76	0.50
17/09/2023 22:00	14.8	314211.1	27.96	2.13	6.14	0.25
17/09/2023 23:00	14.8	279882.3	28.71	2.29	7.29	0.23
18/09/2023 00:00	14.7	283946.2	26.24	2.25	11.56	0.29
18/09/2023 01:00	14.7	284029.4	25.55	2.34	15.37	0.27
18/09/2023 02:00	14.7	286656.9	25.56	2.40	15.25	0.20
18/09/2023 03:00	14.7	286816.2	27.69	2.44	13.74	0.16
18/09/2023 04:00	14.8	288372.1	27.57	2.53	12.23	0.18
18/09/2023 05:00	14.8	290411.6	27.26	2.47	11.91	0.18
18/09/2023 06:00	14.8	293512.0	26.96	2.56	11.16	0.18
18/09/2023 07:00	14.9	278713.6	27.22	2.51	10.79	0.14
18/09/2023 08:00	14.9	336528.5	25.83	2.61	8.93	0.14
18/09/2023 09:00	15.0	337347.8	28.31	2.48	7.85	0.14
18/09/2023 10:00	15.0	338496.9	29.61	2.45	7.16	0.14
18/09/2023 11:00	15.1	338013.3	30.68	2.30	6.80	0.33
18/09/2023 12:00	15.0	336539.9	29.46	2.18	6.21	0.14
18/09/2023 13:00	15.1	339205.2	30.19	1.99	6.82	0.36
18/09/2023 14:00	15.1	342399.5	30.89	1.85	6.39	0.17
18/09/2023 15:00	15.0	342464.9	31.05	1.79	6.59	0.16
18/09/2023 16:00	14.9	343193.0	29.59	1.76	8.54	0.21
18/09/2023 17:00	14.9	339310.5	30.78	1.93	8.93	0.35
18/09/2023 18:00	14.9	334474.9	30.58	2.04	8.19	0.14
18/09/2023 19:00	14.9	335003.9	30.88	2.31	8.51	0.09
18/09/2023 20:00	14.9	336662.3	30.98	2.25	9.61	0.14
18/09/2023 21:00	14.9	336858.6	31.11	2.47	9.48	0.14
18/09/2023 22:00	15.0	336761.8	30.42	2.34	8.13	0.16
18/09/2023 23:00	14.9	319549.6	29.36	2.49	7.44	0.21
19/09/2023 00:00	14.9	324180.9	24.46	2.35	8.19	0.32
19/09/2023 01:00	14.9	325930.2	26.92	2.60	8.42	0.21
19/09/2023 02:00	14.9	326373.8	27.15	2.42	7.28	0.26
19/09/2023 03:00	14.9	322590.8	26.69	2.55	6.92	0.28
19/09/2023 04:00	14.9	322317.7	26.62	2.53	6.98	0.35
19/09/2023 05:00	14.9	318406.6	26.02	2.52	7.11	0.28
19/09/2023 06:00	14.9	317476.5	25.45	2.46	7.59	0.32
19/09/2023 07:00	14.9	291374.3	26.22	2.49	7.29	0.42
19/09/2023 08:00	15.0	344347.9	25.15	2.51	6.70	0.28
19/09/2023 09:00	15.0	346330.5	25.31	2.30	6.56	0.57
19/09/2023 10:00	15.1	348509.3	30.21	2.39	6.31	0.36
19/09/2023 11:00	15.1	344228.5	32.48	2.15	6.04	0.17
19/09/2023 12:00	15.1	343079.3	32.05	1.90	6.15	0.24
19/09/2023 13:00	15.1	347132.6	33.96	1.90	6.28	0.19
19/09/2023 14:00	15.0	348014.4	34.64	1.52	6.30	0.14
19/09/2023 15:00	15.0	346597.8	31.73	1.73	6.20	0.12
19/09/2023 16:00	15.0	348822.3	32.28	1.52	6.49	0.12
19/09/2023 17:00	15.0	348731.3	33.81	1.79	6.74	0.12
19/09/2023 18:00	15.0	344530.0	32.05	1.78	7.02	0.12
19/09/2023 19:00	15.0	343113.4	31.85	1.81	7.36	0.16
19/09/2023 20:00	15.0	343892.8	31.26	1.86	7.00	0.16
19/09/2023 21:00	15.0	344427.6	30.42	1.91	7.68	0.19
19/09/2023 22:00	15.0	343651.0	29.96	2.00	7.47	0.23
19/09/2023 23:00	14.9	327569.7	28.41	1.84	8.24	0.21
20/09/2023 00:00	14.9	334668.3	27.22	2.03	7.85	0.26
20/09/2023 01:00	15.0	336935.3	27.45	1.97	7.25	0.33
20/09/2023 02:00	14.9	335214.4	26.70	2.08	7.60	0.26
20/09/2023 03:00	14.9	332358.6	25.92	2.09	8.24	0.30
20/09/2023 04:00	14.9	332401.3	26.20	2.11	8.40	0.30
20/09/2023 05:00	14.9	327187.3	26.13	2.15	8.63	0.25

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/09/2023 06:00	14.9	326467.8	26.07	2.01	8.42	0.25
20/09/2023 07:00	15.0	300530.7	27.36	2.24	8.83	0.23
20/09/2023 08:00	15.0	345997.7	27.54	2.11	7.22	0.35
20/09/2023 09:00	15.0	349129.4	31.48	2.16	6.81	0.24
20/09/2023 10:00	15.0	349018.6	34.89	1.90	6.57	0.14
20/09/2023 11:00	14.9	342479.1	28.75	1.72	6.28	0.09
20/09/2023 12:00	14.9	339685.8	27.15	1.46	6.24	0.09
20/09/2023 13:00	14.9	346046.1	28.94	1.55	6.43	0.09
20/09/2023 14:00	14.9	348139.6	28.61	1.39	6.78	0.09
20/09/2023 15:00	14.9	350728.0	29.52	1.44	6.80	0.12
20/09/2023 16:00	14.9	351777.6	29.68	1.30	6.83	0.12
20/09/2023 17:00	14.9	347943.3	30.34	1.41	6.67	0.12
20/09/2023 18:00	15.0	348964.5	35.87	1.46	6.87	0.19
20/09/2023 19:00	15.0	346936.3	32.79	1.70	6.95	0.24
20/09/2023 20:00	15.0	347027.4	31.43	1.73	6.90	0.28
20/09/2023 21:00	15.1	348361.4	31.00	1.77	6.90	0.26
20/09/2023 22:00	15.1	347604.8	29.78	1.76	6.85	0.52
20/09/2023 23:00	15.0	329380.0	29.92	1.75	6.47	1.13
21/09/2023 00:00	15.0	337552.6	28.97	1.90	6.63	0.84
21/09/2023 01:00	14.9	336778.9	29.06	1.89	7.17	0.37
21/09/2023 02:00	14.9	332796.7	29.35	2.09	10.70	0.16
21/09/2023 03:00	14.9	330600.8	28.36	2.13	15.10	0.35
21/09/2023 04:00	14.9	329033.5	28.54	2.31	6.57	0.19
21/09/2023 05:00	14.9	323515.2	27.92	2.21	7.31	0.12
21/09/2023 06:00	14.9	322795.6	27.89	2.31	10.39	0.21
21/09/2023 07:00	14.9	301419.8	29.06	2.33	8.27	0.07
21/09/2023 08:00	15.0	346367.5	30.96	2.39	7.52	0.07
21/09/2023 09:00	15.0	347385.8	31.91	2.22	6.96	0.05
21/09/2023 10:00	15.0	348964.5	33.07	2.16	6.88	0.07
21/09/2023 11:00	15.1	348384.2	33.08	1.86	6.55	0.10
21/09/2023 12:00	15.1	345784.4	33.43	1.73	6.56	0.10
21/09/2023 13:00	15.0	347963.2	30.71	1.57	6.68	0.09
21/09/2023 14:00	14.9	353663.4	30.53	1.46	6.88	0.09
21/09/2023 15:00	15.0	354167.0	30.11	1.45	6.87	0.09
21/09/2023 16:00	14.9	351982.5	30.31	1.42	6.80	0.09
21/09/2023 17:00	14.9	347289.1	31.80	1.55	6.94	0.09
21/09/2023 18:00	15.0	344791.6	34.83	1.58	7.27	0.09
21/09/2023 19:00	15.0	341426.7	32.39	1.76	9.12	0.07
21/09/2023 20:00	15.0	340542.1	31.35	1.87	14.48	0.09
21/09/2023 21:00	15.0	342481.9	30.32	1.94	10.70	0.54
21/09/2023 22:00	15.0	341876.1	30.58	2.08	8.08	0.70
21/09/2023 23:00	14.9	326349.3	30.51	2.17	7.53	0.72
22/09/2023 00:00	14.9	330669.0	28.96	2.30	7.72	0.74
22/09/2023 01:00	14.9	332202.2	29.10	2.25	7.30	0.81
22/09/2023 02:00	14.9	331977.5	29.24	2.58	6.81	0.91
22/09/2023 03:00	14.9	328018.0	29.14	2.43	6.48	0.32
22/09/2023 04:00	14.9	325295.8	28.98	2.56	7.84	0.12
22/09/2023 05:00	14.9	320625.2	28.42	2.46	10.06	0.11
22/09/2023 06:00	14.9	321106.0	28.26	2.53	9.67	0.16
22/09/2023 07:00	14.9	307789.1	29.39	2.47	9.14	0.14
22/09/2023 08:00	15.0	346916.5	32.01	2.48	8.24	0.12
22/09/2023 09:00	15.0	347223.6	32.24	2.45	7.15	0.14
22/09/2023 10:00	calibrate	345701.2	calibrate	calibrate	calibrate	calibrate
22/09/2023 11:00	15.0	344763.3	52.01	2.04	6.49	1.05
22/09/2023 12:00	15.0	343622.6	53.26	2.30	6.49	1.33
22/09/2023 13:00	15.1	347070.1	55.08	2.12	6.62	1.12
22/09/2023 14:00	14.9	346307.7	55.20	2.12	6.48	0.86
22/09/2023 15:00	14.7	348148.1	50.24	1.76	6.43	0.82
22/09/2023 16:00	14.6	348270.5	46.32	1.83	6.41	0.69
22/09/2023 17:00	14.7	348515.0	49.13	1.81	6.65	0.76
22/09/2023 18:00	14.6	344441.8	46.12	1.75	6.77	0.78
22/09/2023 19:00	14.6	343673.8	44.22	1.77	7.05	0.80
22/09/2023 20:00	14.6	343875.7	44.22	1.77	7.63	0.68
22/09/2023 21:00	14.6	343816.0	43.74	1.75	7.50	0.80
22/09/2023 22:00	14.7	345152.9	43.21	1.80	7.25	0.80
22/09/2023 23:00	14.7	329044.7	42.55	1.85	6.72	0.87

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/09/2023 00:00	14.7	334551.7	41.66	1.80	6.52	0.87
23/09/2023 01:00	14.6	335550.1	41.77	1.95	6.64	1.24
23/09/2023 02:00	14.6	333524.8	40.95	1.91	6.55	1.03
23/09/2023 03:00	14.6	330441.5	40.65	2.04	6.39	0.86
23/09/2023 04:00	14.6	327406.4	40.93	2.08	6.45	0.86
23/09/2023 05:00	14.6	322354.7	40.39	2.08	6.29	0.89
23/09/2023 06:00	14.6	320767.5	40.24	2.06	6.28	1.02
23/09/2023 07:00	14.6	295984.0	41.59	2.12	6.26	1.17
23/09/2023 08:00	14.7	344077.8	43.26	2.01	6.49	0.80
23/09/2023 09:00	14.7	345030.6	44.30	2.00	6.65	0.76
23/09/2023 10:00	14.7	344788.8	44.96	1.87	6.55	0.70
23/09/2023 11:00	14.7	343506.0	45.36	1.76	6.66	0.74
23/09/2023 12:00	14.8	342774.9	45.27	1.66	6.67	0.73
23/09/2023 13:00	14.7	345940.9	46.89	1.42	6.70	0.74
23/09/2023 14:00	14.7	346839.7	47.57	1.50	6.75	0.78
23/09/2023 15:00	14.7	347149.7	47.93	1.35	6.75	0.78
23/09/2023 16:00	14.7	346395.9	45.97	1.45	6.70	1.01
23/09/2023 17:00	14.6	342001.2	43.79	1.35	6.66	0.80
23/09/2023 18:00	14.7	337060.5	42.57	1.61	6.55	0.87
23/09/2023 19:00	14.7	337416.1	42.76	1.55	6.76	0.97
23/09/2023 20:00	14.7	337401.8	44.51	1.75	6.64	0.88
23/09/2023 21:00	14.7	336790.3	43.32	1.69	6.71	0.99
23/09/2023 22:00	14.7	338622.0	42.76	1.76	6.93	1.02
23/09/2023 23:00	14.7	323714.0	41.99	1.77	7.05	1.03
24/09/2023 00:00	14.6	328697.8	39.13	1.75	8.16	0.95
24/09/2023 01:00	14.6	329354.9	39.47	1.83	8.42	0.86
24/09/2023 02:00	14.6	328453.2	39.56	1.81	8.19	0.88
24/09/2023 03:00	14.6	326578.6	39.78	1.90	7.96	0.90
24/09/2023 04:00	14.6	324314.5	39.08	1.85	8.71	0.92
24/09/2023 05:00	14.6	319544.4	38.41	2.06	8.95	0.99
24/09/2023 06:00	14.6	316736.9	37.93	1.89	7.05	1.01
24/09/2023 07:00	14.6	312700.7	37.81	1.94	6.98	0.97
24/09/2023 08:00	14.7	313306.5	37.63	1.86	6.49	1.01
24/09/2023 09:00	14.7	316489.5	38.22	1.72	6.29	0.94
24/09/2023 10:00	14.7	314472.7	39.14	1.80	6.21	0.85
24/09/2023 11:00	14.7	316273.3	39.54	1.50	6.04	0.79
24/09/2023 12:00	14.7	314142.7	40.27	1.54	6.22	0.80
24/09/2023 13:00	14.6	318568.7	40.68	1.35	6.30	0.86
24/09/2023 14:00	14.5	315126.9	38.82	1.31	6.21	1.46
24/09/2023 15:00	14.5	313505.6	39.23	1.42	6.32	1.55
24/09/2023 16:00	14.6	317052.6	40.53	1.36	6.38	1.34
24/09/2023 17:00	14.6	281064.6	41.01	1.46	6.28	1.04
24/09/2023 18:00	14.7	334221.6	42.17	1.40	6.33	0.78
24/09/2023 19:00	14.7	335811.8	42.64	1.58	6.96	0.78
24/09/2023 20:00	14.7	338778.5	44.12	1.52	7.10	0.78
24/09/2023 21:00	14.7	339321.8	44.58	1.73	6.93	0.79
24/09/2023 22:00	14.7	337999.2	44.33	1.66	7.06	0.83
24/09/2023 23:00	14.6	313327.5	40.73	1.75	7.30	1.06
25/09/2023 00:00	14.6	321652.1	39.80	1.72	7.61	1.06
25/09/2023 01:00	14.6	321984.2	39.58	1.85	7.63	0.97
25/09/2023 02:00	14.6	321214.1	38.79	1.83	7.38	0.97
25/09/2023 03:00	14.6	320693.5	38.42	1.85	7.75	0.95
25/09/2023 04:00	14.6	319430.6	38.04	2.03	7.58	0.95
25/09/2023 05:00	14.6	315656.0	37.38	1.85	7.45	0.97
25/09/2023 06:00	14.6	316119.7	37.01	1.96	7.05	0.99
25/09/2023 07:00	14.7	326615.6	38.38	1.94	7.05	0.94
25/09/2023 08:00	14.8	350409.5	43.59	2.02	7.00	0.95
25/09/2023 09:00	14.8	349280.2	42.92	1.68	6.43	1.15
25/09/2023 10:00	14.8	348077.1	46.94	1.74	6.13	1.11
25/09/2023 11:00	14.8	347055.9	47.79	1.52	6.38	1.02
25/09/2023 12:00	14.8	345431.7	46.99	1.62	6.29	0.82
25/09/2023 13:00	14.7	343653.9	47.42	1.33	6.51	0.77
25/09/2023 14:00	14.7	348344.4	43.49	1.30	6.58	0.76
25/09/2023 15:00	14.7	350910.0	41.48	1.07	6.60	0.76
25/09/2023 16:00	14.6	352076.3	41.83	1.31	6.63	0.71
25/09/2023 17:00	14.7	343161.8	41.43	1.20	6.56	0.85

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/09/2023 18:00	14.7	340306.0	43.87	1.47	6.84	0.88
25/09/2023 19:00	14.7	339759.8	42.38	1.42	6.77	0.90
25/09/2023 20:00	14.7	342664.0	42.20	1.60	6.97	0.99
25/09/2023 21:00	14.7	342948.5	41.83	1.46	7.39	0.99
25/09/2023 22:00	14.7	344643.8	42.35	1.55	7.19	1.04
25/09/2023 23:00	14.7	329242.1	41.30	1.55	6.92	1.32
26/09/2023 00:00	14.6	338366.1	40.46	1.62	6.53	1.55
26/09/2023 01:00	14.6	333692.6	41.83	1.62	7.60	0.70
26/09/2023 02:00	14.5	332412.7	39.98	1.67	13.53	0.72
26/09/2023 03:00	14.5	329707.6	40.00	1.78	11.07	0.70
26/09/2023 04:00	14.5	325310.1	39.63	1.85	10.13	0.72
26/09/2023 05:00	14.5	319678.0	39.25	1.97	8.18	0.76
26/09/2023 06:00	14.5	319891.4	39.14	1.87	7.91	0.80
26/09/2023 07:00	14.6	287417.8	40.65	2.02	6.86	0.94
26/09/2023 08:00	14.7	346541.0	42.79	2.03	6.75	0.78
26/09/2023 09:00	14.7	349177.9	42.24	1.90	6.98	1.07
26/09/2023 10:00	14.7	347311.9	42.35	2.02	6.39	1.01
26/09/2023 11:00	14.7	349570.3	42.98	1.82	6.52	1.01
26/09/2023 12:00	14.8	347707.2	43.80	1.79	6.33	0.81
26/09/2023 13:00	14.7	347957.5	45.88	1.57	6.46	0.81
26/09/2023 14:00	14.7	347351.7	46.60	1.59	6.51	0.79
26/09/2023 15:00	14.7	347676.0	46.13	1.45	6.69	0.73
26/09/2023 16:00	14.6	347943.3	44.54	1.44	6.83	0.71
26/09/2023 17:00	14.6	341404.0	41.96	1.43	7.05	0.73
26/09/2023 18:00	14.6	336813.0	41.09	1.36	7.18	0.70
26/09/2023 19:00	14.6	337703.3	41.35	1.58	7.51	0.70
26/09/2023 20:00	14.6	339353.1	43.38	1.50	7.09	0.69
26/09/2023 21:00	14.6	339523.7	43.41	1.62	6.93	0.71
26/09/2023 22:00	14.6	341162.1	42.80	1.72	7.01	1.13
26/09/2023 23:00	14.6	325651.0	41.90	1.67	7.67	1.38
27/09/2023 00:00	14.5	329374.7	40.27	1.82	7.12	1.13
27/09/2023 01:00	14.5	329838.5	40.03	1.85	6.94	1.28
27/09/2023 02:00	14.5	328208.5	40.16	2.15	6.63	1.07
27/09/2023 03:00	14.5	326601.4	39.76	1.94	6.33	0.80
27/09/2023 04:00	14.6	324940.3	39.42	2.06	6.50	0.79
27/09/2023 05:00	14.6	319655.3	38.74	2.10	7.19	0.81
27/09/2023 06:00	14.6	320448.9	38.63	2.02	8.48	0.86
27/09/2023 07:00	14.6	288335.1	39.91	2.07	8.78	0.86
27/09/2023 08:00	14.7	345585.3	41.59	1.99	7.66	0.85
27/09/2023 09:00	14.7	346048.9	41.86	2.12	7.69	0.81
27/09/2023 10:00	14.8	347519.5	43.58	1.97	7.01	1.11
27/09/2023 11:00	14.7	346632.0	44.81	1.96	6.62	1.15
27/09/2023 12:00	14.7	346418.7	44.74	1.75	6.38	1.21
27/09/2023 13:00	14.7	346996.1	46.14	1.85	6.34	1.27
27/09/2023 14:00	14.6	348759.6	43.37	1.52	6.30	0.66
27/09/2023 15:00	14.5	348771.1	42.57	1.64	7.68	0.52
27/09/2023 16:00	14.5	347343.1	44.10	1.51	8.79	0.59
27/09/2023 17:00	14.5	338798.4	42.09	1.74	12.20	0.67
27/09/2023 18:00	14.5	334230.3	40.63	1.72	16.58	0.68
27/09/2023 19:00	14.5	334355.4	42.20	1.90	12.92	0.65
27/09/2023 20:00	14.5	336340.8	42.22	1.84	7.58	0.59
27/09/2023 21:00	14.6	336844.3	42.69	2.01	9.68	0.53
27/09/2023 22:00	14.6	338613.6	42.69	1.93	11.21	0.63
27/09/2023 23:00	14.6	322874.8	42.58	2.08	14.56	0.74
28/09/2023 00:00	14.6	327241.4	40.69	2.04	14.82	0.61
28/09/2023 01:00	14.6	329175.7	40.78	2.15	16.18	0.64
28/09/2023 02:00	14.6	328598.2	39.95	2.10	17.67	0.68
28/09/2023 03:00	14.6	328379.2	39.60	2.10	13.90	0.70
28/09/2023 04:00	14.6	326914.4	39.66	2.13	13.90	0.66
28/09/2023 05:00	14.5	319737.8	39.37	2.14	13.59	0.65
28/09/2023 06:00	14.5	319589.9	39.51	2.05	12.89	0.63
28/09/2023 07:00	14.6	317631.1	40.86	2.07	13.00	0.62
28/09/2023 08:00	14.6	344049.3	40.31	2.09	11.70	0.59
28/09/2023 09:00	14.7	345107.4	42.52	2.00	9.73	0.58
28/09/2023 10:00	14.7	344874.2	44.09	2.06	9.23	0.56
28/09/2023 11:00	14.7	341748.1	43.40	1.87	9.64	0.54

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/09/2023 12:00	14.7	341645.7	43.36	1.93	8.23	0.54
28/09/2023 13:00	14.7	346347.6	44.51	1.71	8.12	0.56
28/09/2023 14:00	14.7	347991.6	47.93	1.71	7.18	0.59
28/09/2023 15:00	14.8	346279.3	47.10	1.63	6.96	0.61
28/09/2023 16:00	14.8	346566.5	47.97	1.65	6.90	0.68
28/09/2023 17:00	14.7	338624.9	45.26	1.57	6.73	0.54
28/09/2023 18:00	14.7	333541.9	43.91	1.54	7.11	0.56
28/09/2023 19:00	14.6	333780.8	42.81	1.57	9.11	0.53
28/09/2023 20:00	14.6	336178.7	43.07	1.53	10.20	0.51
28/09/2023 21:00	14.6	335274.2	42.54	1.71	10.10	0.56
28/09/2023 22:00	14.7	338172.7	42.12	1.58	10.50	0.56
28/09/2023 23:00	14.6	321835.3	41.63	1.77	11.24	0.58
29/09/2023 00:00	14.6	325910.3	40.88	1.65	11.72	0.57
29/09/2023 01:00	14.6	326282.9	40.97	1.88	10.70	0.66
29/09/2023 02:00	14.6	325372.6	40.77	1.68	10.28	0.71
29/09/2023 03:00	14.6	321228.3	40.00	1.83	11.68	0.64
29/09/2023 04:00	14.6	316651.5	39.42	1.78	11.88	0.68
29/09/2023 05:00	14.6	311611.2	39.68	1.80	11.66	0.66
29/09/2023 06:00	14.6	311403.6	39.99	1.84	11.66	0.70
29/09/2023 07:00	14.7	289180.1	41.03	1.73	10.99	0.60
29/09/2023 08:00	14.7	340891.9	43.21	1.93	8.30	0.61
29/09/2023 09:00	14.8	341275.9	44.07	1.66	7.25	0.68
29/09/2023 10:00	14.8	344396.3	46.59	1.58	6.88	0.73
29/09/2023 11:00	14.9	342974.1	48.42	1.47	6.72	0.74
29/09/2023 12:00	14.9	340971.6	48.87	1.47	6.73	0.67
29/09/2023 13:00	14.9	347089.9	50.43	1.33	6.85	0.99
29/09/2023 14:00	14.8	347121.3	50.55	1.23	6.77	0.82
29/09/2023 15:00	14.8	345940.8	49.44	1.31	6.80	0.94
29/09/2023 16:00	14.8	345212.6	49.05	1.21	6.82	0.66
29/09/2023 17:00	14.8	339976.0	47.14	1.16	6.73	0.68
29/09/2023 18:00	14.6	330711.7	44.87	1.34	17.09	0.84
29/09/2023 19:00	14.6	331422.7	43.83	1.32	8.71	0.44
29/09/2023 20:00	14.6	333482.1	43.31	1.64	8.60	0.51
29/09/2023 21:00	14.6	333712.5	42.77	1.58	14.92	0.49
29/09/2023 22:00	14.7	336281.1	42.79	1.76	15.68	0.60
29/09/2023 23:00	14.7	316345.4	42.37	1.67	10.64	0.65
30/09/2023 00:00	14.6	313738.8	40.01	1.73	8.64	0.64
30/09/2023 01:00	14.7	314242.3	39.94	1.89	7.03	0.78
30/09/2023 02:00	14.6	312120.4	39.28	1.87	7.75	0.71
30/09/2023 03:00	14.6	309264.5	39.49	1.93	9.89	0.69
30/09/2023 04:00	14.6	307842.4	39.47	1.83	10.24	0.73
30/09/2023 05:00	14.6	300455.3	39.65	1.96	9.88	0.73
30/09/2023 06:00	14.6	296936.7	39.57	1.95	10.30	0.77
30/09/2023 07:00	14.7	279745.2	40.39	1.85	8.73	0.71
30/09/2023 08:00	14.8	340351.5	42.36	1.90	7.66	0.63
30/09/2023 09:00	14.8	341301.5	42.82	1.76	7.18	0.59
30/09/2023 10:00	14.9	340792.4	43.78	1.66	7.16	0.58
30/09/2023 11:00	14.9	340980.1	44.57	1.51	7.00	0.90
30/09/2023 12:00	14.9	339287.7	44.56	1.52	6.75	1.04
30/09/2023 13:00	14.9	342877.4	45.72	1.25	6.71	1.09
30/09/2023 14:00	14.9	343056.5	45.42	1.29	6.70	0.90
30/09/2023 15:00	14.9	341284.5	43.46	1.02	6.43	0.72
30/09/2023 16:00	15.0	341762.3	44.09	1.28	7.07	0.73
30/09/2023 17:00	14.8	334742.2	42.00	1.10	6.50	0.89
30/09/2023 18:00	14.6	329773.0	41.35	1.26	6.63	0.91
30/09/2023 19:00	14.6	331163.9	42.19	1.39	6.88	0.53
30/09/2023 20:00	14.7	332079.8	41.90	1.42	6.98	0.53
30/09/2023 21:00	14.7	333382.6	41.97	1.56	8.27	0.60
30/09/2023 22:00	14.7	335675.2	42.58	1.51	7.16	0.63
30/09/2023 23:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
Minimum	14.49	211,201.70	24.46	1.02	5.45	0.05
Maximum	15.10	358,683.90	55.20	4.08	17.67	1.84
Avg	14.85	336,547.79	35.81	2.01	7.32	0.65
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/09/2023 00:00	14.6	351570.0	16.99	0.18	25.83	2.30
01/09/2023 01:00	14.6	352733.4	16.14	0.20	24.14	2.19
01/09/2023 02:00	14.6	351786.1	16.11	0.26	25.41	2.19
01/09/2023 03:00	14.6	350449.3	18.24	0.61	24.38	2.46
01/09/2023 04:00	14.5	346575.1	15.74	0.37	21.24	2.23
01/09/2023 05:00	14.5	340727.0	13.42	0.15	19.46	2.11
01/09/2023 06:00	14.5	340726.9	15.10	0.39	20.11	2.37
01/09/2023 07:00	14.6	344908.3	15.79	0.35	17.17	2.43
01/09/2023 08:00	14.7	372684.3	16.04	0.29	17.59	2.27
01/09/2023 09:00	14.7	370366.0	18.50	0.54	16.24	2.37
01/09/2023 10:00	14.7	370161.3	18.70	0.20	16.19	2.24
01/09/2023 11:00	14.7	368739.0	19.59	0.16	16.09	2.24
01/09/2023 12:00	14.7	367678.0	20.68	0.23	16.72	2.28
01/09/2023 13:00	14.7	369023.5	17.68	0.27	17.12	2.30
01/09/2023 14:00	14.7	371990.2	12.51	0.07	17.72	1.99
01/09/2023 15:00	14.7	372001.6	15.87	0.27	17.35	2.22
01/09/2023 16:00	14.7	374766.4	20.42	0.90	17.26	2.51
01/09/2023 17:00	14.7	372206.4	15.91	0.18	17.27	2.16
01/09/2023 18:00	14.7	368477.4	17.56	0.20	17.56	2.70
01/09/2023 19:00	14.7	369313.5	16.27	0.04	18.79	2.26
01/09/2023 20:00	14.7	369723.3	18.09	0.22	19.87	2.25
01/09/2023 21:00	14.7	369984.9	17.75	0.20	20.03	2.18
01/09/2023 22:00	14.6	368676.5	17.54	0.29	20.74	2.22
01/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/09/2023 08:00	14.7	371754.2	24.58	1.23	16.94	2.69
02/09/2023 09:00	14.7	371279.1	26.68	1.21	16.40	2.65
02/09/2023 10:00	14.7	368409.0	23.52	0.81	15.90	2.56
02/09/2023 11:00	14.7	370363.2	19.51	0.63	16.13	2.79
02/09/2023 12:00	14.7	366136.5	13.48	0.04	16.49	2.19
02/09/2023 13:00	14.7	372186.5	12.53	0.00	17.15	2.13
02/09/2023 14:00	14.7	372544.9	16.28	0.22	17.25	2.43
02/09/2023 15:00	14.8	373019.9	15.23	0.20	17.36	2.33
02/09/2023 16:00	14.7	370715.9	15.91	0.18	17.53	2.26
02/09/2023 17:00	14.7	369626.5	16.14	0.11	17.73	2.22
02/09/2023 18:00	14.7	367402.3	19.40	0.11	17.72	2.34
02/09/2023 19:00	14.7	364586.1	17.88	0.16	19.33	2.20
02/09/2023 20:00	14.6	362367.4	17.24	0.29	23.30	2.17
02/09/2023 21:00	14.6	361005.0	15.50	0.11	21.59	2.09
02/09/2023 22:00	14.6	363252.0	20.15	0.60	21.81	2.48
02/09/2023 23:00	14.6	339612.7	21.49	0.27	20.36	2.13
03/09/2023 00:00	14.6	375673.9	17.93	0.24	22.95	2.25
03/09/2023 01:00	14.6	377039.1	21.06	0.53	21.10	2.57
03/09/2023 02:00	14.6	377252.5	20.14	0.42	20.29	2.38
03/09/2023 03:00	14.7	377323.5	20.19	0.44	20.71	2.31
03/09/2023 04:00	14.7	377252.4	18.35	0.36	21.91	2.18
03/09/2023 05:00	14.7	377696.2	20.48	0.49	22.22	2.32
03/09/2023 06:00	14.7	378552.4	20.54	0.54	21.72	2.37
03/09/2023 07:00	14.7	377138.7	21.06	0.45	19.57	2.41
03/09/2023 08:00	14.7	375227.2	19.80	0.27	17.31	2.27
03/09/2023 09:00	14.7	373255.9	21.72	0.29	16.38	2.37
03/09/2023 10:00	14.7	370491.2	22.90	0.43	16.24	2.38
03/09/2023 11:00	14.7	368921.0	20.31	0.09	15.90	2.16
03/09/2023 12:00	14.7	376271.1	21.85	0.65	17.00	2.45
03/09/2023 13:00	14.7	376436.1	20.36	0.62	17.11	2.38
03/09/2023 14:00	14.7	376160.2	15.67	0.18	17.83	2.06
03/09/2023 15:00	14.7	376038.0	17.26	0.25	17.46	2.22
03/09/2023 16:00	14.7	371703.0	17.18	0.25	17.25	2.25
03/09/2023 17:00	14.8	277003.4	26.41	0.34	10.62	2.10

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/09/2023 18:00	14.7	360262.6	17.28	0.20	18.07	2.19
03/09/2023 19:00	14.7	362691.7	18.17	0.22	19.37	2.23
03/09/2023 20:00	14.7	364446.8	18.14	0.13	19.65	2.34
03/09/2023 21:00	14.7	364822.3	21.23	0.54	18.79	2.60
03/09/2023 22:00	14.7	362839.7	17.12	0.16	17.99	2.31
03/09/2023 23:00	14.7	343821.2	21.72	0.09	16.11	2.12
04/09/2023 00:00	14.6	372263.3	18.67	0.18	18.39	2.21
04/09/2023 01:00	14.6	373740.1	16.87	0.18	19.96	2.19
04/09/2023 02:00	14.6	374885.9	17.48	0.27	19.82	2.14
04/09/2023 03:00	14.6	375102.1	17.70	0.35	19.98	2.23
04/09/2023 04:00	14.6	372485.1	21.23	0.71	21.76	2.57
04/09/2023 05:00	14.6	374408.1	18.82	0.51	21.75	2.39
04/09/2023 06:00	14.6	375688.0	20.05	0.60	21.78	2.53
04/09/2023 07:00	14.7	301781.6	24.25	0.47	12.29	2.61
04/09/2023 08:00	14.7	369996.2	21.96	0.47	17.32	2.62
04/09/2023 09:00	14.7	372274.6	21.30	0.29	18.77	2.42
04/09/2023 10:00	14.7	369478.6	13.46	0.11	18.15	2.05
04/09/2023 11:00	14.7	368295.3	16.78	0.09	17.25	2.23
04/09/2023 12:00	14.7	366079.5	16.16	0.04	16.99	2.17
04/09/2023 13:00	14.7	368121.8	15.45	0.09	17.78	2.16
04/09/2023 14:00	14.7	371409.9	17.80	0.45	18.32	2.40
04/09/2023 15:00	14.7	371310.5	14.33	0.13	18.41	2.15
04/09/2023 16:00	14.7	374413.7	15.11	0.16	18.47	2.23
04/09/2023 17:00	14.7	373819.3	13.43	0.13	18.45	2.20
04/09/2023 18:00	14.7	368403.3	16.66	0.29	19.09	2.29
04/09/2023 19:00	14.7	370636.2	19.14	0.22	19.90	2.31
04/09/2023 20:00	14.7	371173.9	18.85	0.11	20.28	2.30
04/09/2023 21:00	14.7	370903.7	18.17	0.02	20.09	2.26
04/09/2023 22:00	14.7	371330.3	19.45	0.16	19.05	2.57
04/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/09/2023 08:00	14.7	372451.0	24.84	0.99	20.13	2.56
05/09/2023 09:00	14.7	371378.7	28.77	1.33	18.89	2.75
05/09/2023 10:00	14.7	370309.2	23.61	0.90	18.51	2.55
05/09/2023 11:00	14.7	367663.8	19.80	0.42	17.38	2.29
05/09/2023 12:00	14.7	368019.4	23.75	0.70	17.95	2.47
05/09/2023 13:00	14.7	368790.2	22.67	0.31	17.79	2.27
05/09/2023 14:00	14.7	372411.2	16.42	0.11	17.87	2.07
05/09/2023 15:00	14.7	372177.9	16.05	0.13	17.97	2.17
05/09/2023 16:00	14.7	373543.4	15.13	0.11	18.18	2.10
05/09/2023 17:00	14.7	368869.9	17.58	0.11	18.14	2.21
05/09/2023 18:00	14.7	369430.3	21.39	0.07	18.23	2.17
05/09/2023 19:00	14.7	368872.7	19.04	0.05	18.57	2.08
05/09/2023 20:00	14.7	370491.3	19.02	0.02	18.84	2.10
05/09/2023 21:00	14.7	369051.9	21.31	0.16	19.04	2.30
05/09/2023 22:00	14.7	368548.5	20.00	0.09	19.05	2.20
05/09/2023 23:00	14.7	345340.6	17.68	0.04	16.68	2.07
06/09/2023 00:00	14.7	375901.4	23.30	0.29	19.27	2.31
06/09/2023 01:00	14.7	375887.1	25.69	0.58	19.30	2.51
06/09/2023 02:00	14.7	375992.3	24.26	0.38	19.66	2.42
06/09/2023 03:00	14.7	376123.2	22.94	0.34	19.70	2.40
06/09/2023 04:00	14.7	375898.5	22.05	0.18	19.92	2.33
06/09/2023 05:00	14.7	376134.6	21.71	0.25	20.44	2.40
06/09/2023 06:00	14.7	377363.4	20.16	0.18	20.65	2.22
06/09/2023 07:00	14.6	309120.9	22.31	0.13	13.68	2.43
06/09/2023 08:00	14.7	371296.3	20.86	0.16	18.63	2.46
06/09/2023 09:00	14.8	373295.9	21.53	0.09	18.07	2.29
06/09/2023 10:00	14.8	371973.1	21.94	0.05	16.98	2.20
06/09/2023 11:00	14.8	370132.8	25.32	0.59	16.83	2.59

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/09/2023 12:00	14.8	367826.0	24.38	0.66	17.14	2.53
06/09/2023 13:00	14.7	367086.4	23.11	0.68	17.35	2.55
06/09/2023 14:00	14.8	368477.3	21.56	0.14	17.04	2.19
06/09/2023 15:00	14.7	368463.2	23.51	0.23	17.42	2.41
06/09/2023 16:00	14.7	370064.5	21.19	0.13	17.99	2.25
06/09/2023 17:00	14.7	370704.5	19.61	0.09	18.38	2.28
06/09/2023 18:00	14.7	369490.0	20.96	0.18	19.04	2.39
06/09/2023 19:00	14.7	369453.0	24.21	0.54	18.98	2.64
06/09/2023 20:00	14.7	370727.3	21.82	0.14	19.04	2.41
06/09/2023 21:00	14.7	369174.1	21.11	0.25	19.03	2.33
06/09/2023 22:00	14.7	367200.2	17.78	0.11	19.09	2.23
06/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/09/2023 08:00	14.7	371922.0	24.24	1.41	18.65	2.87
07/09/2023 09:00	14.7	371697.3	24.17	0.99	17.85	2.53
07/09/2023 10:00	14.7	370613.5	26.24	1.08	17.31	2.66
07/09/2023 11:00	14.8	369231.1	23.53	0.45	17.13	2.53
07/09/2023 12:00	14.8	367035.2	19.68	0.07	16.76	2.52
07/09/2023 13:00	14.7	369490.0	18.36	0.41	17.12	2.88
07/09/2023 14:00	14.7	371902.1	18.40	0.47	17.25	2.77
07/09/2023 15:00	14.7	367433.4	17.20	0.31	17.40	2.26
07/09/2023 16:00	14.7	369637.9	15.67	0.29	17.50	2.13
07/09/2023 17:00	14.7	368787.4	16.97	0.09	17.46	2.15
07/09/2023 18:00	14.7	364711.3	17.89	0.22	17.67	2.37
07/09/2023 19:00	14.7	369083.2	18.86	0.11	18.44	2.32
07/09/2023 20:00	14.7	370835.4	18.47	0.02	18.47	2.12
07/09/2023 21:00	14.7	370750.1	16.94	0.02	18.71	2.02
07/09/2023 22:00	14.7	369481.4	19.33	0.07	18.86	2.34
07/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/09/2023 08:00	14.7	373267.4	24.75	1.37	18.97	2.98
08/09/2023 09:00	14.8	372180.8	25.97	0.97	18.24	2.62
08/09/2023 10:00	14.7	369913.8	25.36	0.61	16.56	2.46
08/09/2023 11:00	14.8	368642.3	22.50	0.29	16.07	2.24
08/09/2023 12:00	14.8	367845.8	24.39	0.68	16.82	2.42
08/09/2023 13:00	14.7	367331.0	17.41	0.25	17.16	2.09
08/09/2023 14:00	14.7	368505.8	17.71	0.27	17.55	2.37
08/09/2023 15:00	14.7	370861.0	15.41	0.09	17.32	2.09
08/09/2023 16:00	14.7	371327.5	19.30	0.47	17.22	2.38
08/09/2023 17:00	14.7	369430.2	18.78	0.36	17.17	2.33
08/09/2023 18:00	14.7	366363.9	15.89	0.04	17.23	2.06
08/09/2023 19:00	14.8	369444.5	22.46	0.34	18.16	2.35
08/09/2023 20:00	14.8	370949.1	23.26	0.36	18.53	2.49
08/09/2023 21:00	14.7	370935.1	19.36	0.09	18.71	2.30
08/09/2023 22:00	14.7	368375.0	21.95	0.34	18.83	2.47
08/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/09/2023 08:00	14.7	369185.7	24.61	1.35	17.70	2.81
09/09/2023 09:00	14.8	368995.0	25.37	1.13	16.60	2.61
09/09/2023 10:00	14.8	367843.0	21.21	0.32	16.26	2.27
09/09/2023 11:00	14.8	366696.8	24.45	0.68	16.16	2.46
09/09/2023 12:00	14.8	365570.4	22.53	0.46	16.21	2.40
09/09/2023 13:00	14.8	364901.9	19.82	0.25	16.59	2.28
09/09/2023 14:00	14.8	365123.7	17.11	0.07	16.68	2.12
09/09/2023 15:00	14.7	365655.6	15.67	0.16	16.72	2.17
09/09/2023 16:00	14.7	366031.1	15.31	0.18	16.84	2.13
09/09/2023 17:00	14.7	364517.9	21.63	0.74	17.42	2.45
09/09/2023 18:00	14.6	359215.8	20.21	0.33	21.97	2.30
09/09/2023 19:00	14.6	355503.8	17.12	0.11	21.43	2.10
09/09/2023 20:00	14.6	356547.8	17.87	0.22	21.24	2.15
09/09/2023 21:00	14.6	358021.2	21.90	0.68	21.19	2.49
09/09/2023 22:00	14.6	360365.0	19.89	0.62	21.46	2.41
09/09/2023 23:00	14.6	345738.7	17.38	0.20	19.18	2.24
10/09/2023 00:00	14.6	378498.3	16.67	0.18	21.16	2.10
10/09/2023 01:00	14.6	378916.4	18.98	0.40	20.98	2.29
10/09/2023 02:00	14.7	378987.6	16.68	0.24	21.31	2.09
10/09/2023 03:00	14.7	379246.4	18.63	0.38	20.91	2.21
10/09/2023 04:00	14.7	379274.9	22.66	0.92	21.07	2.48
10/09/2023 05:00	14.7	379374.5	19.67	0.49	20.92	2.26
10/09/2023 06:00	14.7	378970.6	20.83	0.65	21.19	2.37
10/09/2023 07:00	14.7	378560.9	20.53	0.54	20.21	2.32
10/09/2023 08:00	14.7	378074.5	18.49	0.33	19.62	2.21
10/09/2023 09:00	14.7	379505.3	20.58	0.69	19.53	2.37
10/09/2023 10:00	14.7	379897.8	21.22	0.87	18.85	2.42
10/09/2023 11:00	14.7	379200.9	19.64	0.58	18.12	2.32
10/09/2023 12:00	14.7	377955.0	16.06	0.16	17.71	2.07
10/09/2023 13:00	14.7	378080.2	18.90	0.33	17.53	2.27
10/09/2023 14:00	14.7	377454.4	17.75	0.27	18.93	2.12
10/09/2023 15:00	14.7	377804.3	17.30	0.24	19.13	2.11
10/09/2023 16:00	14.6	374004.1	17.83	0.31	18.39	2.18
10/09/2023 17:00	14.6	282441.7	25.85	0.40	11.06	2.24
10/09/2023 18:00	14.7	355725.7	19.46	0.60	18.66	2.47
10/09/2023 19:00	14.7	358524.7	18.38	0.27	19.02	2.25
10/09/2023 20:00	14.7	360438.9	18.27	0.27	19.51	2.36
10/09/2023 21:00	14.7	362080.2	17.66	0.27	19.08	2.25
10/09/2023 22:00	14.6	360157.3	13.97	0.07	19.46	1.84
10/09/2023 23:00	14.6	359239.9	20.22	0.33	20.20	2.28
11/09/2023 00:00	14.7	377943.7	19.81	0.20	20.44	2.28
11/09/2023 01:00	14.6	377771.6	19.14	0.29	21.29	2.22
11/09/2023 02:00	14.7	378071.8	20.10	0.49	20.95	2.27
11/09/2023 03:00	14.7	377852.6	15.86	0.13	21.17	1.91
11/09/2023 04:00	14.7	377758.8	19.78	0.42	21.47	2.18
11/09/2023 05:00	14.7	377542.6	18.29	0.40	22.19	2.12
11/09/2023 06:00	14.7	377767.3	19.49	0.45	23.81	2.27
11/09/2023 07:00	14.6	308985.7	21.77	0.35	16.28	2.24
11/09/2023 08:00	14.7	373125.2	20.85	0.65	20.45	2.44
11/09/2023 09:00	14.8	373156.5	19.94	0.29	18.70	2.38
11/09/2023 10:00	14.8	373463.7	21.91	0.59	18.29	2.47
11/09/2023 11:00	14.7	371427.0	16.95	0.02	17.89	2.10
11/09/2023 12:00	14.8	370087.3	19.90	0.25	17.77	2.24
11/09/2023 13:00	14.7	371037.3	21.20	0.61	18.26	2.47
11/09/2023 14:00	14.7	373617.2	19.28	0.36	18.27	2.33
11/09/2023 15:00	14.7	371142.6	21.15	0.23	18.68	2.25
11/09/2023 16:00	14.7	368875.6	18.30	0.29	18.84	2.21
11/09/2023 17:00	14.8	371703.0	19.08	0.14	19.36	2.20
11/09/2023 18:00	14.7	368767.5	19.20	0.20	19.07	2.23
11/09/2023 19:00	14.7	368318.1	19.86	0.11	19.19	2.32
11/09/2023 20:00	14.7	369876.9	15.64	0.04	19.98	1.97
11/09/2023 21:00	14.7	368955.2	14.41	0.04	19.95	1.91
11/09/2023 22:00	14.7	369265.2	17.01	0.11	19.97	2.16
11/09/2023 23:00	14.6	353174.1	17.53	0.09	17.49	2.21

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/09/2023 00:00	14.7	377738.9	20.19	0.18	19.33	2.22
12/09/2023 01:00	14.7	377568.2	19.46	0.18	19.66	2.20
12/09/2023 02:00	14.7	377320.7	19.73	0.27	20.02	2.29
12/09/2023 03:00	14.7	377306.5	18.61	0.22	20.19	2.29
12/09/2023 04:00	14.7	377482.8	19.98	0.38	20.47	2.38
12/09/2023 05:00	14.7	377809.9	18.94	0.27	20.62	2.37
12/09/2023 06:00	14.7	378114.4	17.58	0.18	20.47	2.25
12/09/2023 07:00	14.6	307225.0	20.39	0.22	14.67	2.38
12/09/2023 08:00	14.7	374786.3	18.70	0.16	20.38	2.31
12/09/2023 09:00	14.7	376572.7	19.18	0.16	19.68	2.28
12/09/2023 10:00	14.7	374655.4	19.86	0.11	18.93	2.30
12/09/2023 11:00	14.8	371606.3	19.85	0.05	17.48	2.22
12/09/2023 12:00	14.8	371270.6	19.30	0.07	17.89	2.20
12/09/2023 13:00	14.7	373401.1	18.26	0.18	17.85	2.18
12/09/2023 14:00	14.7	373483.6	19.34	0.25	18.04	2.24
12/09/2023 15:00	14.7	373861.9	20.94	0.09	18.07	2.15
12/09/2023 16:00	14.7	374004.2	20.55	0.29	19.29	2.38
12/09/2023 17:00	14.7	372581.9	20.82	0.36	19.58	2.38
12/09/2023 18:00	14.7	368895.5	21.02	0.45	19.56	2.48
12/09/2023 19:00	14.7	367021.0	21.03	0.45	19.37	2.40
12/09/2023 20:00	14.7	368047.9	17.41	0.09	19.54	2.17
12/09/2023 21:00	14.7	367473.2	18.62	0.13	19.74	2.26
12/09/2023 22:00	14.7	368281.1	18.79	0.18	19.15	2.37
12/09/2023 23:00	14.6	351383.5	21.94	0.38	17.41	2.53
13/09/2023 00:00	14.7	378939.3	22.64	0.47	19.82	2.44
13/09/2023 01:00	14.7	378873.8	21.19	0.40	19.73	2.32
13/09/2023 02:00	14.7	379249.2	18.78	0.22	19.79	2.19
13/09/2023 03:00	14.7	379769.8	21.83	0.54	20.03	2.45
13/09/2023 04:00	14.7	379360.2	17.22	0.11	20.54	2.09
13/09/2023 05:00	14.7	379963.2	21.36	0.47	20.70	2.38
13/09/2023 06:00	14.7	379758.4	22.25	0.54	20.79	2.47
13/09/2023 07:00	14.6	305195.4	25.16	0.31	13.26	2.35
13/09/2023 08:00	14.7	372800.9	23.13	0.68	19.59	2.48
13/09/2023 09:00	14.8	375065.1	21.58	0.30	19.46	2.36
13/09/2023 10:00	14.8	374925.7	22.00	0.27	18.74	2.42
13/09/2023 11:00	14.8	371483.9	24.84	0.73	17.63	2.66
13/09/2023 12:00	14.8	372618.9	21.44	0.27	17.59	2.23
13/09/2023 13:00	14.8	372436.8	25.33	0.57	17.62	2.47
13/09/2023 14:00	14.8	371691.5	26.60	0.84	17.56	2.62
13/09/2023 15:00	14.8	370798.4	24.81	0.70	17.59	2.49
13/09/2023 16:00	14.7	371868.0	17.07	0.18	17.86	2.08
13/09/2023 17:00	14.7	373162.1	18.93	0.16	18.57	2.16
13/09/2023 18:00	14.7	369564.0	22.77	0.36	18.53	2.39
13/09/2023 19:00	14.7	368346.5	21.71	0.36	18.73	2.54
13/09/2023 20:00	14.7	369362.0	24.07	0.76	18.64	2.74
13/09/2023 21:00	14.7	368756.1	23.41	0.74	19.17	2.71
13/09/2023 22:00	14.7	368249.8	23.59	0.72	19.29	2.75
13/09/2023 23:00	14.6	349200.6	24.60	1.22	16.68	2.89
14/09/2023 00:00	14.7	378501.2	23.58	0.80	19.12	2.54
14/09/2023 01:00	14.7	378097.3	21.76	0.47	18.56	2.38
14/09/2023 02:00	14.7	377994.9	19.80	0.27	18.42	2.34
14/09/2023 03:00	14.7	377701.9	20.13	0.38	19.33	2.45
14/09/2023 04:00	14.7	377679.1	19.78	0.29	19.38	2.34
14/09/2023 05:00	14.7	378029.0	23.84	0.89	19.91	2.61
14/09/2023 06:00	14.7	379496.7	21.22	0.56	19.65	2.42
14/09/2023 07:00	14.6	308617.4	20.93	0.26	13.15	2.84
14/09/2023 08:00	14.7	369873.9	17.71	0.20	18.51	2.40
14/09/2023 09:00	14.8	373008.6	20.24	0.18	18.02	2.35
14/09/2023 10:00	14.8	373108.2	21.69	0.18	17.52	2.26
14/09/2023 11:00	14.8	372414.0	20.37	0.09	17.52	2.13
14/09/2023 12:00	14.8	370627.7	20.82	0.25	17.68	2.16
14/09/2023 13:00	14.8	369996.3	24.79	0.47	17.36	2.40
14/09/2023 14:00	14.8	369063.3	26.22	0.77	17.54	2.51
14/09/2023 15:00	14.8	369034.9	25.20	0.57	17.48	2.49
14/09/2023 16:00	14.8	370849.6	26.69	0.98	17.82	2.58
14/09/2023 17:00	14.7	372243.4	24.81	0.97	19.34	2.50

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/09/2023 18:00	14.7	366170.4	23.99	0.78	19.53	2.58
14/09/2023 19:00	14.7	363380.1	19.62	0.31	19.94	2.36
14/09/2023 20:00	14.7	364071.3	21.36	0.45	20.49	2.38
14/09/2023 21:00	14.7	363670.2	20.68	0.42	21.42	2.42
14/09/2023 22:00	14.7	362438.6	22.05	0.65	21.36	2.54
14/09/2023 23:00	14.6	347747.0	17.04	0.27	19.23	2.28
15/09/2023 00:00	14.7	378828.3	17.99	0.25	23.49	2.28
15/09/2023 01:00	14.7	379513.8	18.30	0.34	23.44	2.32
15/09/2023 02:00	14.7	379997.4	16.65	0.22	21.92	2.17
15/09/2023 03:00	14.7	378103.0	23.36	0.94	20.82	2.63
15/09/2023 04:00	14.7	377761.6	21.92	0.60	20.49	2.49
15/09/2023 05:00	14.7	377696.2	21.84	0.58	20.57	2.43
15/09/2023 06:00	14.7	378492.6	18.37	0.31	20.72	2.21
15/09/2023 07:00	14.6	311044.9	23.13	0.38	14.19	2.39
15/09/2023 08:00	14.7	362006.3	15.95	0.16	18.36	2.16
15/09/2023 09:00	14.7	359639.6	15.47	0.07	17.66	2.08
15/09/2023 10:00	14.7	362094.5	17.41	0.09	17.23	2.10
15/09/2023 11:00	14.8	360433.2	19.98	0.29	16.93	2.28
15/09/2023 12:00	14.7	357366.9	16.97	0.16	17.44	2.21
15/09/2023 13:00	14.7	359889.9	21.14	0.52	17.92	2.53
15/09/2023 14:00	14.7	359372.3	23.40	0.95	18.05	2.66
15/09/2023 15:00	14.8	357733.9	23.89	1.08	18.24	2.67
15/09/2023 16:00	14.8	357275.9	18.38	0.32	18.54	2.24
15/09/2023 17:00	14.7	355978.9	13.92	0.02	18.52	1.94
15/09/2023 18:00	14.7	350867.4	18.21	0.31	18.44	2.35
15/09/2023 19:00	14.6	344473.1	19.89	0.53	18.07	2.48
15/09/2023 20:00	14.5	341392.5	20.17	0.50	19.69	2.45
15/09/2023 21:00	14.6	342359.7	22.03	0.92	19.12	2.54
15/09/2023 22:00	14.6	342490.5	16.11	0.13	18.98	2.10
15/09/2023 23:00	14.6	322810.9	18.98	0.26	17.21	2.15
16/09/2023 00:00	14.5	315809.7	13.10	0.17	15.93	2.12
16/09/2023 01:00	14.5	316753.9	12.82	0.17	15.54	2.12
16/09/2023 02:00	14.5	316077.0	16.02	0.56	15.26	2.38
16/09/2023 03:00	14.5	313167.1	17.53	0.86	14.92	2.51
16/09/2023 04:00	14.5	312262.6	15.26	0.56	14.94	2.38
16/09/2023 05:00	14.5	308055.7	12.58	0.26	14.55	2.20
16/09/2023 06:00	14.5	310712.3	12.15	0.19	14.74	2.14
16/09/2023 07:00	14.6	287493.1	22.76	0.42	13.26	2.21
16/09/2023 08:00	14.6	343941.2	16.27	0.40	17.06	2.53
16/09/2023 09:00	14.6	341108.2	16.78	0.24	15.60	2.28
16/09/2023 10:00	14.7	341799.3	19.52	0.58	15.04	2.41
16/09/2023 11:00	14.7	341298.7	17.12	0.20	14.28	2.28
16/09/2023 12:00	14.7	343961.1	17.31	0.27	15.27	2.31
16/09/2023 13:00	14.7	345019.3	13.23	0.02	15.99	1.98
16/09/2023 14:00	14.7	347075.8	15.77	0.11	16.67	2.18
16/09/2023 15:00	14.7	344990.8	18.21	0.47	17.21	2.36
16/09/2023 16:00	14.6	343870.1	20.72	0.80	17.88	2.43
16/09/2023 17:00	14.6	341910.2	18.61	0.47	17.99	2.42
16/09/2023 18:00	14.5	334437.9	15.67	0.11	18.85	2.12
16/09/2023 19:00	14.5	333803.5	14.20	0.04	20.74	2.02
16/09/2023 20:00	14.5	332244.8	12.34	0.02	22.47	1.93
16/09/2023 21:00	14.5	332486.6	15.01	0.09	19.50	2.22
16/09/2023 22:00	14.5	334762.2	14.01	0.04	19.63	2.02
16/09/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/09/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/09/2023 18:00	14.5	334992.5	22.15	1.27	17.46	2.62
17/09/2023 19:00	14.5	335811.7	24.04	1.16	17.75	2.99
17/09/2023 20:00	14.5	334597.2	24.50	1.15	17.66	2.78
17/09/2023 21:00	14.5	335936.9	19.26	0.26	19.17	2.27
17/09/2023 22:00	14.5	334858.8	17.07	0.06	19.08	2.12
17/09/2023 23:00	14.5	299741.0	19.55	0.32	15.82	2.26
18/09/2023 00:00	14.4	304005.2	19.46	0.81	20.81	2.54
18/09/2023 01:00	14.4	304372.4	20.59	1.20	21.86	2.69
18/09/2023 02:00	14.4	307546.5	19.34	1.05	23.11	2.55
18/09/2023 03:00	14.4	307119.9	20.30	1.35	21.78	2.59
18/09/2023 04:00	14.4	308672.9	18.45	0.97	23.34	2.49
18/09/2023 05:00	14.4	310982.6	18.25	0.97	23.53	2.45
18/09/2023 06:00	14.4	314233.8	12.93	0.13	21.79	2.06
18/09/2023 07:00	14.5	298774.2	21.40	0.24	19.49	2.14
18/09/2023 08:00	14.6	359130.5	19.07	0.53	22.28	2.28
18/09/2023 09:00	14.6	359798.9	19.69	0.57	20.71	2.34
18/09/2023 10:00	14.7	361298.0	18.50	0.33	19.64	2.22
18/09/2023 11:00	14.7	360797.3	18.23	0.18	18.28	2.29
18/09/2023 12:00	14.7	358857.5	18.62	0.27	18.19	2.22
18/09/2023 13:00	14.8	361625.1	20.04	0.30	19.01	2.40
18/09/2023 14:00	14.8	365476.4	20.17	0.37	18.89	2.31
18/09/2023 15:00	14.8	365058.4	18.27	0.14	19.22	2.11
18/09/2023 16:00	14.6	365029.9	19.41	0.20	22.20	2.35
18/09/2023 17:00	14.6	361386.1	18.86	0.07	21.06	2.22
18/09/2023 18:00	14.5	356536.3	20.82	0.20	22.00	2.33
18/09/2023 19:00	14.5	357361.2	18.96	0.09	22.85	2.14
18/09/2023 20:00	14.5	358760.7	15.62	0.00	24.20	1.90
18/09/2023 21:00	14.6	359096.4	17.82	0.02	24.28	2.08
18/09/2023 22:00	14.6	359076.5	17.76	0.09	21.81	2.21
18/09/2023 23:00	14.5	341047.0	17.22	0.07	19.40	2.18
19/09/2023 00:00	14.5	345966.4	17.42	0.28	21.22	2.39
19/09/2023 01:00	14.5	347658.9	18.34	0.28	22.11	2.31
19/09/2023 02:00	14.5	348179.3	16.62	0.17	21.16	2.22
19/09/2023 03:00	14.5	344476.0	18.80	0.39	19.70	2.66
19/09/2023 04:00	14.5	343847.3	13.97	0.07	19.43	2.22
19/09/2023 05:00	14.5	339552.2	16.51	0.24	19.05	2.37
19/09/2023 06:00	14.5	338926.4	17.30	0.39	19.45	2.45
19/09/2023 07:00	14.6	312181.4	19.87	0.24	16.16	2.44
19/09/2023 08:00	14.6	366802.0	18.58	0.38	18.33	2.35
19/09/2023 09:00	14.7	369683.3	19.04	0.36	18.37	3.62
19/09/2023 10:00	14.7	371492.4	17.59	0.09	17.37	2.89
19/09/2023 11:00	14.7	367689.5	21.36	0.29	16.30	2.72
19/09/2023 12:00	14.7	366045.3	21.74	0.38	17.31	2.65
19/09/2023 13:00	14.8	370334.8	20.34	0.20	17.90	2.64
19/09/2023 14:00	14.7	370772.9	20.60	0.14	17.89	2.66
19/09/2023 15:00	14.7	371284.8	19.86	0.14	18.23	2.26
19/09/2023 16:00	14.7	372689.9	20.50	0.18	18.75	2.16
19/09/2023 17:00	14.7	371461.1	22.07	0.38	19.38	2.35
19/09/2023 18:00	14.7	367626.8	24.46	0.76	19.96	2.56
19/09/2023 19:00	14.6	365371.2	20.45	0.20	19.32	2.31
19/09/2023 20:00	14.6	365795.0	20.28	0.22	19.38	2.62
19/09/2023 21:00	14.6	366432.2	19.23	0.20	19.56	2.54
19/09/2023 22:00	14.6	366290.0	17.49	0.09	20.40	2.27
19/09/2023 23:00	14.6	349568.8	16.57	0.11	19.85	2.21
20/09/2023 00:00	14.6	357025.6	19.20	0.39	20.18	2.93
20/09/2023 01:00	14.6	359315.5	14.32	0.07	18.60	2.39
20/09/2023 02:00	14.6	357987.1	13.05	0.07	18.80	2.96
20/09/2023 03:00	14.5	354573.7	13.62	0.11	19.67	2.75
20/09/2023 04:00	14.5	354977.6	14.55	0.15	20.48	2.64
20/09/2023 05:00	14.5	349439.5	17.16	0.33	19.64	3.20

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/09/2023 06:00	14.5	348597.5	15.90	0.26	19.82	3.24
20/09/2023 07:00	14.6	321907.8	19.17	0.18	16.45	2.72
20/09/2023 08:00	14.6	368562.7	17.83	0.20	17.83	3.27
20/09/2023 09:00	14.7	371847.9	18.04	0.07	17.73	2.36
20/09/2023 10:00	14.7	371555.1	22.25	0.20	17.41	2.40
20/09/2023 11:00	14.7	367754.8	20.41	0.18	16.84	2.38
20/09/2023 12:00	14.8	366329.7	21.65	0.36	17.20	2.60
20/09/2023 13:00	14.8	366605.7	23.84	0.36	17.70	2.60
20/09/2023 14:00	14.7	366807.7	22.47	0.25	18.10	2.50
20/09/2023 15:00	14.7	367737.8	22.88	0.23	17.89	2.48
20/09/2023 16:00	14.7	368941.0	22.68	0.14	18.53	2.30
20/09/2023 17:00	14.7	370565.2	24.66	0.38	18.79	2.47
20/09/2023 18:00	14.6	366821.9	21.25	0.44	18.81	2.46
20/09/2023 19:00	14.6	365519.2	21.59	0.57	19.67	2.64
20/09/2023 20:00	14.7	369794.3	23.58	0.71	19.90	2.90
20/09/2023 21:00	14.7	370764.2	19.18	0.31	19.74	2.52
20/09/2023 22:00	14.7	370061.7	18.04	0.11	19.68	2.65
20/09/2023 23:00	14.6	350653.9	24.21	0.62	17.60	2.92
21/09/2023 00:00	14.6	359372.3	16.85	0.15	18.54	2.24
21/09/2023 01:00	14.5	357770.8	18.82	0.26	20.11	2.32
21/09/2023 02:00	14.5	355082.8	20.65	0.31	24.53	2.40
21/09/2023 03:00	14.5	352374.9	22.17	0.63	23.34	2.55
21/09/2023 04:00	14.5	350301.3	17.51	0.13	20.42	2.35
21/09/2023 05:00	14.5	344908.3	17.74	0.20	19.73	2.60
21/09/2023 06:00	14.5	344194.3	17.38	0.17	18.79	2.50
21/09/2023 07:00	14.6	322127.1	23.85	0.55	16.53	2.30
21/09/2023 08:00	14.6	368215.7	24.60	1.13	19.65	2.54
21/09/2023 09:00	14.7	370081.7	24.58	1.05	18.86	2.51
21/09/2023 10:00	14.7	371549.4	20.56	0.31	17.94	2.28
21/09/2023 11:00	14.7	370937.9	23.77	0.79	17.14	2.70
21/09/2023 12:00	14.7	368659.4	21.39	0.41	17.42	2.44
21/09/2023 13:00	14.8	367456.2	21.49	0.32	18.04	2.26
21/09/2023 14:00	14.8	366901.6	24.32	0.54	18.31	2.49
21/09/2023 15:00	14.8	366281.4	18.52	0.02	17.54	2.11
21/09/2023 16:00	14.7	370317.7	20.37	0.05	18.45	2.10
21/09/2023 17:00	14.7	374257.3	20.98	0.11	20.29	2.15
21/09/2023 18:00	14.7	366685.4	22.97	0.31	20.51	2.31
21/09/2023 19:00	14.6	363064.3	24.30	0.62	21.76	2.45
21/09/2023 20:00	14.6	363328.9	20.60	0.13	22.94	2.19
21/09/2023 21:00	14.5	364674.3	20.22	0.15	22.93	2.40
21/09/2023 22:00	14.5	363784.0	17.44	0.09	21.93	2.18
21/09/2023 23:00	14.5	348066.9	20.96	0.22	20.39	2.36
22/09/2023 00:00	14.5	353350.6	17.91	0.17	19.70	2.27
22/09/2023 01:00	14.5	354110.1	21.38	0.55	19.40	2.53
22/09/2023 02:00	14.5	353643.6	20.18	0.39	19.12	2.38
22/09/2023 03:00	14.5	349760.9	17.84	0.26	19.03	2.59
22/09/2023 04:00	14.5	347368.7	20.51	0.61	20.36	2.33
22/09/2023 05:00	14.5	342314.1	21.28	0.74	22.39	2.41
22/09/2023 06:00	14.5	343235.7	20.94	0.85	22.74	2.41
22/09/2023 07:00	14.5	328996.5	21.53	0.57	20.65	2.33
22/09/2023 08:00	14.6	369694.7	18.72	0.29	21.73	2.13
22/09/2023 09:00	14.6	370522.5	24.16	1.02	19.45	2.95
22/09/2023 10:00	14.6	369117.3	21.28	0.95	17.54	2.64
22/09/2023 11:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
22/09/2023 12:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
22/09/2023 13:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
22/09/2023 14:00	14.7	369242.5	37.34	2.46	17.74	1.33
22/09/2023 15:00	14.7	371131.3	38.36	1.70	18.56	1.26
22/09/2023 16:00	14.7	372243.3	37.70	1.33	18.53	1.16
22/09/2023 17:00	14.7	372172.3	36.67	1.16	19.50	1.20
22/09/2023 18:00	14.6	367467.5	35.37	1.01	20.08	1.28
22/09/2023 19:00	14.6	365911.6	34.20	0.92	20.61	1.34
22/09/2023 20:00	14.5	366076.6	34.47	0.92	21.57	1.25
22/09/2023 21:00	14.6	366181.9	34.19	0.83	21.71	1.34
22/09/2023 22:00	14.5	367376.5	33.77	0.87	21.51	1.46
22/09/2023 23:00	14.5	350637.0	33.07	0.87	19.08	1.77

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/09/2023 00:00	14.5	356539.2	33.10	0.92	18.81	1.57
23/09/2023 01:00	14.5	357079.7	32.88	0.81	18.28	1.48
23/09/2023 02:00	14.5	354861.0	32.99	0.93	18.57	1.50
23/09/2023 03:00	14.5	352039.3	32.74	0.93	18.73	1.36
23/09/2023 04:00	14.5	349357.0	33.03	0.93	19.13	1.37
23/09/2023 05:00	14.5	343810.3	32.96	0.98	18.02	1.52
23/09/2023 06:00	14.5	342200.4	32.84	0.97	17.08	1.80
23/09/2023 07:00	14.5	316549.2	35.44	1.04	14.62	1.89
23/09/2023 08:00	14.6	366728.0	34.11	0.99	17.93	1.89
23/09/2023 09:00	14.6	368235.6	35.11	1.10	17.95	1.59
23/09/2023 10:00	14.6	368053.5	35.77	1.13	18.39	1.26
23/09/2023 11:00	14.6	366238.7	35.90	1.11	18.05	1.29
23/09/2023 12:00	14.7	365772.2	35.83	1.12	18.03	1.37
23/09/2023 13:00	14.7	369353.4	36.49	1.12	18.57	1.28
23/09/2023 14:00	14.7	371415.6	36.67	1.10	18.89	1.26
23/09/2023 15:00	14.7	370195.4	36.92	1.05	19.26	1.28
23/09/2023 16:00	14.7	369435.9	35.70	0.96	19.44	1.38
23/09/2023 17:00	14.6	363917.7	34.78	0.88	19.01	1.56
23/09/2023 18:00	14.6	359483.2	34.09	0.84	18.96	1.47
23/09/2023 19:00	14.6	359204.5	34.39	0.83	19.59	1.47
23/09/2023 20:00	14.6	359469.0	35.39	0.86	19.42	1.43
23/09/2023 21:00	14.6	358558.8	34.63	0.88	19.74	1.54
23/09/2023 22:00	14.6	360751.9	34.38	0.86	20.24	1.56
23/09/2023 23:00	14.5	345589.5	33.64	0.83	18.95	1.49
24/09/2023 00:00	14.5	350270.1	32.19	0.85	20.70	1.46
24/09/2023 01:00	14.5	351077.9	32.33	0.91	21.32	1.37
24/09/2023 02:00	14.5	350551.7	32.81	1.04	21.38	1.43
24/09/2023 03:00	14.5	348082.6	32.92	1.04	20.99	1.45
24/09/2023 04:00	14.5	346102.9	32.50	1.02	21.69	1.45
24/09/2023 05:00	14.5	341432.4	32.12	1.01	21.54	1.51
24/09/2023 06:00	14.5	338070.2	32.12	1.01	19.51	1.51
24/09/2023 07:00	14.5	334492.0	31.90	1.01	18.15	1.47
24/09/2023 08:00	14.5	335151.9	31.58	1.00	16.53	1.67
24/09/2023 09:00	14.5	338954.9	32.18	1.05	15.64	1.92
24/09/2023 10:00	14.6	336750.5	33.14	1.09	14.93	1.51
24/09/2023 11:00	14.6	338698.8	33.73	1.17	15.02	1.32
24/09/2023 12:00	14.6	336056.4	33.88	1.10	15.53	1.32
24/09/2023 13:00	14.6	340931.8	34.18	1.13	16.30	1.57
24/09/2023 14:00	14.5	336650.9	33.26	1.09	16.16	1.46
24/09/2023 15:00	14.5	335146.2	33.88	1.20	15.73	1.55
24/09/2023 16:00	14.6	338724.5	34.24	1.09	16.35	1.58
24/09/2023 17:00	14.6	301658.4	36.55	1.03	13.61	1.36
24/09/2023 18:00	14.6	356024.4	34.41	1.01	18.16	1.27
24/09/2023 19:00	14.6	357651.4	34.99	1.01	19.89	1.32
24/09/2023 20:00	14.6	360256.9	35.82	0.90	20.42	1.30
24/09/2023 21:00	14.6	361226.8	35.94	0.95	20.41	1.30
24/09/2023 22:00	14.6	359653.9	36.18	1.06	20.43	1.36
24/09/2023 23:00	14.5	334796.3	33.82	1.09	18.77	1.52
25/09/2023 00:00	14.5	343358.1	33.55	1.04	20.08	1.54
25/09/2023 01:00	14.5	344581.5	33.13	1.02	20.32	1.45
25/09/2023 02:00	14.5	343372.3	32.73	1.08	20.17	1.49
25/09/2023 03:00	14.5	341967.1	32.58	1.15	20.43	1.49
25/09/2023 04:00	14.5	341287.3	32.25	1.10	20.21	1.45
25/09/2023 05:00	14.5	336776.0	31.98	1.10	19.76	1.44
25/09/2023 06:00	14.5	337734.7	31.83	1.14	20.11	1.51
25/09/2023 07:00	14.5	349143.7	32.40	1.13	20.11	1.41
25/09/2023 08:00	14.6	374228.8	35.34	1.32	19.18	1.36
25/09/2023 09:00	14.6	371108.4	33.20	1.21	16.34	1.54
25/09/2023 10:00	14.6	371424.2	33.75	1.25	15.80	1.58
25/09/2023 11:00	14.6	371927.7	33.20	1.16	16.05	1.65
25/09/2023 12:00	14.6	366315.5	33.13	1.17	16.30	1.52
25/09/2023 13:00	14.6	371563.6	33.35	1.17	18.17	1.17
25/09/2023 14:00	14.7	370630.7	35.00	1.23	17.51	1.31
25/09/2023 15:00	14.7	366802.0	38.10	1.28	17.48	1.58
25/09/2023 16:00	14.7	368076.3	38.06	1.16	17.87	1.29
25/09/2023 17:00	14.7	368212.7	36.13	1.09	19.09	1.40

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/09/2023 18:00	14.6	362774.2	35.57	1.08	19.34	1.42
25/09/2023 19:00	14.6	362586.5	34.66	1.06	19.37	1.46
25/09/2023 20:00	14.6	365650.0	34.08	0.99	19.96	1.48
25/09/2023 21:00	14.6	365416.7	34.21	0.99	20.53	1.49
25/09/2023 22:00	14.6	367046.6	34.39	1.03	20.77	1.56
25/09/2023 23:00	14.6	351747.6	34.52	1.03	18.89	1.77
26/09/2023 00:00	14.5	360131.7	34.25	1.16	18.05	1.60
26/09/2023 01:00	14.5	354619.2	34.77	1.11	19.03	1.28
26/09/2023 02:00	14.5	354971.9	33.26	1.06	23.46	1.27
26/09/2023 03:00	14.5	352397.7	33.74	1.19	25.32	1.21
26/09/2023 04:00	14.5	347846.6	33.49	1.25	24.78	1.23
26/09/2023 05:00	14.4	342112.2	33.44	1.36	21.60	1.27
26/09/2023 06:00	14.5	342277.2	33.49	1.36	20.37	1.42
26/09/2023 07:00	14.5	308722.6	36.16	1.34	15.29	1.56
26/09/2023 08:00	14.6	369751.7	34.02	1.18	19.35	1.51
26/09/2023 09:00	14.6	372246.3	34.25	1.32	19.12	1.58
26/09/2023 10:00	14.6	371131.2	34.28	1.36	17.68	1.65
26/09/2023 11:00	14.6	373833.5	34.57	1.41	17.36	1.65
26/09/2023 12:00	14.6	372072.8	34.99	1.35	17.13	1.51
26/09/2023 13:00	14.6	371282.1	36.64	1.37	17.35	1.57
26/09/2023 14:00	14.6	371410.0	37.07	1.33	17.68	1.48
26/09/2023 15:00	14.6	371927.7	36.56	1.30	18.78	1.26
26/09/2023 16:00	14.6	371574.9	35.21	1.21	19.92	1.24
26/09/2023 17:00	14.6	363974.6	34.22	1.12	20.02	1.23
26/09/2023 18:00	14.5	359298.3	33.95	1.11	20.18	1.29
26/09/2023 19:00	14.5	359992.4	33.74	1.05	20.51	1.24
26/09/2023 20:00	14.6	362159.8	35.23	1.14	20.41	1.25
26/09/2023 21:00	14.5	361687.6	34.66	1.01	20.43	1.27
26/09/2023 22:00	14.5	362777.1	34.66	1.09	20.52	1.39
26/09/2023 23:00	14.5	346980.3	35.10	1.15	19.72	1.41
27/09/2023 00:00	14.5	352133.1	33.45	1.19	20.07	1.45
27/09/2023 01:00	14.5	352369.3	33.46	1.17	19.02	1.45
27/09/2023 02:00	14.5	350696.7	33.39	1.30	19.10	1.34
27/09/2023 03:00	14.5	349220.5	33.39	1.38	19.23	1.32
27/09/2023 04:00	14.5	347656.0	33.04	1.36	19.43	1.30
27/09/2023 05:00	14.5	342032.5	32.97	1.42	20.49	1.31
27/09/2023 06:00	14.5	342939.9	32.86	1.36	22.20	1.34
27/09/2023 07:00	14.5	309610.0	35.98	1.41	18.99	1.30
27/09/2023 08:00	14.5	368491.5	33.50	1.20	22.72	1.27
27/09/2023 09:00	14.6	369179.9	35.42	1.60	21.96	1.40
27/09/2023 10:00	14.6	371111.4	35.29	1.46	19.51	1.39
27/09/2023 11:00	14.6	369504.1	35.81	1.51	17.88	1.33
27/09/2023 12:00	14.6	369339.2	36.03	1.46	17.95	1.31
27/09/2023 13:00	14.6	370795.5	36.60	1.42	17.56	1.29
27/09/2023 14:00	14.6	371691.6	34.85	1.31	18.83	1.18
27/09/2023 15:00	14.5	372351.5	33.91	1.16	21.56	1.00
27/09/2023 16:00	14.5	369791.4	35.28	1.20	22.76	1.13
27/09/2023 17:00	14.5	361371.9	34.10	1.08	21.98	1.21
27/09/2023 18:00	14.5	356215.0	33.49	1.17	23.30	1.28
27/09/2023 19:00	14.5	356849.3	34.79	1.28	22.50	1.30
27/09/2023 20:00	14.5	358809.1	34.71	1.34	22.26	1.52
27/09/2023 21:00	14.5	359409.3	34.90	1.36	21.85	1.06
27/09/2023 22:00	14.5	361025.0	34.70	1.32	22.55	1.19
27/09/2023 23:00	14.5	345437.4	35.03	1.49	23.62	1.43
28/09/2023 00:00	14.5	350321.3	33.85	1.47	23.37	1.19
28/09/2023 01:00	14.5	351703.6	33.94	1.47	22.44	1.17
28/09/2023 02:00	14.5	351049.5	33.42	1.49	23.56	1.23
28/09/2023 03:00	14.5	351023.9	33.33	1.56	22.98	1.21
28/09/2023 04:00	14.5	349576.0	33.17	1.51	22.02	1.19
28/09/2023 05:00	14.4	342257.3	33.22	1.53	22.14	1.18
28/09/2023 06:00	14.5	342499.0	33.30	1.49	25.19	1.16
28/09/2023 07:00	14.5	340349.9	34.67	1.45	24.89	1.13
28/09/2023 08:00	14.5	367308.3	35.03	1.55	24.97	1.11
28/09/2023 09:00	14.5	368008.1	35.73	1.57	22.66	1.11
28/09/2023 10:00	14.6	367936.9	35.46	1.44	21.93	1.07
28/09/2023 11:00	14.5	364921.8	35.38	1.44	22.36	1.05

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/09/2023 00:00-30/09/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/09/2023 12:00	14.6	364756.8	35.49	1.47	20.95	1.05
28/09/2023 13:00	14.6	369623.7	36.01	1.48	21.58	1.06
28/09/2023 14:00	14.6	371831.0	37.91	1.44	20.28	1.09
28/09/2023 15:00	14.7	369077.5	37.63	1.47	19.95	1.09
28/09/2023 16:00	14.7	369308.0	37.96	1.42	19.50	1.11
28/09/2023 17:00	14.6	360518.6	36.61	1.26	19.27	1.08
28/09/2023 18:00	14.6	355447.0	35.13	1.05	19.90	1.01
28/09/2023 19:00	14.5	355828.1	34.96	1.17	21.77	1.09
28/09/2023 20:00	14.5	358288.6	35.39	1.20	23.34	1.07
28/09/2023 21:00	14.5	357526.3	34.47	1.06	23.52	1.04
28/09/2023 22:00	14.5	359813.2	34.21	1.00	23.74	1.02
28/09/2023 23:00	14.5	343367.9	34.73	1.19	22.84	1.06
29/09/2023 00:00	14.5	348224.9	33.93	1.19	24.09	1.08
29/09/2023 01:00	14.5	348424.0	33.96	1.21	23.24	1.15
29/09/2023 02:00	14.5	347007.5	34.13	1.25	22.55	1.17
29/09/2023 03:00	14.5	343272.7	33.88	1.29	23.68	1.14
29/09/2023 04:00	14.4	338664.7	33.51	1.29	23.72	1.20
29/09/2023 05:00	14.4	333405.4	33.38	1.33	22.63	1.18
29/09/2023 06:00	14.4	333226.1	33.23	1.33	23.02	1.20
29/09/2023 07:00	14.5	310466.1	37.78	1.37	19.95	1.08
29/09/2023 08:00	14.5	363340.3	35.23	1.36	21.22	1.09
29/09/2023 09:00	14.6	364224.9	36.50	1.41	19.76	1.15
29/09/2023 10:00	14.6	367302.6	37.79	1.44	18.70	1.18
29/09/2023 11:00	14.7	365985.6	39.02	1.41	18.41	1.14
29/09/2023 12:00	14.7	364045.7	39.25	1.38	18.47	1.14
29/09/2023 13:00	14.7	370314.9	39.46	1.37	18.69	1.21
29/09/2023 14:00	14.7	370508.4	39.58	1.34	18.84	1.16
29/09/2023 15:00	14.7	369208.3	39.11	1.36	18.75	1.23
29/09/2023 16:00	14.7	368613.9	38.89	1.29	18.90	1.14
29/09/2023 17:00	14.6	362373.2	38.26	1.24	18.91	1.17
29/09/2023 18:00	14.5	352693.6	36.73	1.12	21.57	1.17
29/09/2023 19:00	14.5	354431.5	35.66	1.12	23.38	1.01
29/09/2023 20:00	14.5	356439.7	35.34	1.21	22.94	1.04
29/09/2023 21:00	14.5	356849.2	35.06	1.21	22.96	1.04
29/09/2023 22:00	14.5	359597.0	35.03	1.21	23.17	1.17
29/09/2023 23:00	14.5	339444.0	35.77	1.26	23.77	1.17
30/09/2023 00:00	14.4	336346.5	33.62	1.35	21.40	1.16
30/09/2023 01:00	14.4	336667.9	33.82	1.46	19.28	1.27
30/09/2023 02:00	14.4	334375.3	33.24	1.46	19.92	1.23
30/09/2023 03:00	14.4	331109.9	32.78	1.37	21.06	1.22
30/09/2023 04:00	14.4	330148.5	32.70	1.43	21.52	1.26
30/09/2023 05:00	14.4	321538.3	31.98	1.47	20.54	1.26
30/09/2023 06:00	14.4	318307.1	31.66	1.47	19.90	1.28
30/09/2023 07:00	14.5	301550.4	35.41	1.43	17.16	1.19
30/09/2023 08:00	14.6	363087.2	35.33	1.58	20.45	1.18
30/09/2023 09:00	14.6	364566.3	35.48	1.41	19.88	1.12
30/09/2023 10:00	14.6	364281.9	36.41	1.48	19.12	1.11
30/09/2023 11:00	14.7	364301.7	36.90	1.45	18.13	1.20
30/09/2023 12:00	14.7	362583.7	37.03	1.45	16.99	1.29
30/09/2023 13:00	14.7	366119.3	37.78	1.43	17.08	1.35
30/09/2023 14:00	14.7	366958.4	37.46	1.37	17.26	1.37
30/09/2023 15:00	14.7	365325.7	36.50	1.37	17.77	1.24
30/09/2023 16:00	14.8	365447.9	36.48	1.34	19.03	1.45
30/09/2023 17:00	14.6	357477.9	35.60	1.24	17.60	1.22
30/09/2023 18:00	14.5	350938.5	34.61	1.04	18.53	1.22
30/09/2023 19:00	14.5	353066.1	34.66	1.09	19.87	1.09
30/09/2023 20:00	14.5	354090.1	34.55	1.13	20.46	1.11
30/09/2023 21:00	14.5	355495.3	34.62	1.15	22.20	1.15
30/09/2023 22:00	14.5	358314.1	35.17	1.20	20.99	1.20
30/09/2023 23:00	14.5	342727.8	36.72	1.24	18.68	1.16
Minimum	14.39	277,003.40	12.15	0.00	10.62	1.00
Maximum	14.83	379,997.40	39.58	2.46	25.83	3.62
Avg	14.62	359,919.50	24.31	0.63	19.17	2.04
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 18:00	14.7	310843.7	42.48	1.62	6.92	0.42
01/10/2023 19:00	14.7	332816.5	43.44	1.70	6.97	0.51
01/10/2023 20:00	14.7	335086.4	43.09	1.73	6.99	0.56
01/10/2023 21:00	14.7	335877.1	42.17	1.69	6.72	1.06
01/10/2023 22:00	14.7	325824.9	43.33	1.85	6.57	1.45
01/10/2023 23:00	14.7	354593.6	46.08	1.81	7.17	1.21
02/10/2023 00:00	14.7	353811.4	44.90	1.90	7.19	0.90
02/10/2023 01:00	14.7	353088.7	44.78	2.01	6.88	0.87
02/10/2023 02:00	14.7	352721.9	44.47	2.07	6.94	1.00
02/10/2023 03:00	14.7	352434.7	44.56	2.12	6.87	0.96
02/10/2023 04:00	14.7	352161.6	44.27	2.10	6.94	0.91
02/10/2023 05:00	14.7	352081.9	44.71	2.25	6.92	0.78
02/10/2023 06:00	14.7	352124.6	44.86	2.04	6.85	0.87
02/10/2023 07:00	14.7	353324.9	45.39	2.32	6.60	1.13
02/10/2023 08:00	14.7	337167.1	45.08	2.15	6.65	1.23
02/10/2023 09:00	14.7	313974.3	41.19	2.05	6.37	1.89
02/10/2023 10:00	14.7	344561.3	37.87	1.98	6.76	1.98
02/10/2023 11:00	14.7	341938.7	39.96	1.78	6.39	0.97
02/10/2023 12:00	14.8	339674.5	39.93	1.82	6.40	1.14
02/10/2023 13:00	14.8	344356.5	39.96	1.54	6.52	1.34
02/10/2023 14:00	14.8	347567.8	41.13	1.56	6.59	1.36
02/10/2023 15:00	14.8	347613.3	41.56	1.54	6.54	1.22
02/10/2023 16:00	14.8	346760.0	41.81	1.59	6.64	1.54
02/10/2023 17:00	14.7	339768.4	41.18	1.60	6.33	0.54
02/10/2023 18:00	14.8	335848.8	40.00	1.60	6.78	0.66
02/10/2023 19:00	14.9	337979.2	41.77	1.75	6.82	0.60
02/10/2023 20:00	14.9	340482.4	43.94	1.75	6.98	0.70
02/10/2023 21:00	14.9	341933.0	43.92	1.87	7.04	0.84
02/10/2023 22:00	14.9	342948.5	43.52	1.75	6.78	1.26
02/10/2023 23:00	14.7	335143.1	45.33	1.77	6.56	1.25
03/10/2023 00:00	14.7	353908.0	46.57	1.88	6.88	1.16
03/10/2023 01:00	14.7	354309.2	45.54	1.85	6.92	1.12
03/10/2023 02:00	14.7	354974.7	45.54	2.06	6.79	1.14
03/10/2023 03:00	14.7	354536.8	45.23	1.99	6.96	1.05
03/10/2023 04:00	14.7	354451.4	45.11	2.12	6.86	1.00
03/10/2023 05:00	14.7	353655.0	45.11	2.07	6.93	0.85
03/10/2023 06:00	14.7	353233.9	45.00	2.10	6.89	0.80
03/10/2023 07:00	14.7	354340.5	45.79	2.13	6.56	0.88
03/10/2023 08:00	14.7	341321.4	46.19	2.04	5.91	0.67
03/10/2023 09:00	14.8	304321.4	44.58	1.88	5.86	0.70
03/10/2023 10:00	14.8	347681.6	45.78	1.77	6.38	0.67
03/10/2023 11:00	14.9	345616.5	45.73	1.59	6.44	0.76
03/10/2023 12:00	14.9	345261.0	45.19	1.63	6.48	0.62
03/10/2023 13:00	14.8	348381.3	46.29	1.57	6.54	0.64
03/10/2023 14:00	14.8	348654.5	42.67	1.38	6.62	0.47
03/10/2023 15:00	14.7	349200.5	44.82	1.66	6.94	0.52
03/10/2023 16:00	14.6	346484.1	42.60	1.46	8.30	0.60
03/10/2023 17:00	14.6	339088.6	43.03	1.71	7.98	0.58

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/10/2023 18:00	14.6	335313.9	42.01	1.68	8.76	0.53
03/10/2023 19:00	14.6	336431.9	41.97	1.82	8.06	1.07
03/10/2023 20:00	14.6	338801.3	42.50	1.86	7.65	1.22
03/10/2023 21:00	14.6	338468.4	43.45	1.82	7.19	0.91
03/10/2023 22:00	14.6	340138.1	43.32	2.00	8.00	0.64
03/10/2023 23:00	14.6	332129.3	44.48	2.00	6.86	0.49
04/10/2023 00:00	14.7	352090.5	44.73	2.23	12.05	0.60
04/10/2023 01:00	14.6	352232.7	44.23	2.11	7.79	0.80
04/10/2023 02:00	14.6	351456.3	44.89	2.35	7.32	0.44
04/10/2023 03:00	14.6	352090.5	44.21	2.29	10.90	0.58
04/10/2023 04:00	14.7	352264.0	44.09	2.39	12.09	0.62
04/10/2023 05:00	14.7	352064.9	43.78	2.35	11.03	0.56
04/10/2023 06:00	14.7	352258.3	43.53	2.41	9.30	0.87
04/10/2023 07:00	14.7	352989.4	43.79	2.34	7.42	0.65
04/10/2023 08:00	14.7	335004.0	43.63	2.29	6.95	0.63
04/10/2023 09:00	14.8	314464.7	43.20	2.34	6.94	0.68
04/10/2023 10:00	14.8	349516.3	43.25	2.24	7.19	0.73
04/10/2023 11:00	14.7	345957.9	42.31	2.16	7.10	0.95
04/10/2023 12:00	14.8	342857.5	42.90	2.18	6.85	0.79
04/10/2023 13:00	14.8	345909.5	43.57	2.00	6.67	1.05
04/10/2023 14:00	14.8	347627.5	43.77	1.93	6.81	1.09
04/10/2023 15:00	14.8	349342.8	44.67	1.70	6.66	1.02
04/10/2023 16:00	14.6	344865.6	42.68	1.87	7.99	0.56
04/10/2023 17:00	14.6	338462.7	42.59	1.86	7.94	0.62
04/10/2023 18:00	14.6	333994.1	40.58	1.91	8.40	0.53
04/10/2023 19:00	14.6	335106.4	41.46	2.07	11.59	0.51
04/10/2023 20:00	14.6	337538.4	41.06	1.96	9.29	0.79
04/10/2023 21:00	14.6	338425.8	41.46	2.12	7.16	0.51
04/10/2023 22:00	14.6	341486.4	41.61	2.08	9.88	0.60
04/10/2023 23:00	14.6	334695.0	42.83	2.21	7.37	0.79
05/10/2023 00:00	14.7	354607.9	43.57	2.20	7.14	0.76
05/10/2023 01:00	14.6	354551.0	43.34	2.31	7.02	0.80
05/10/2023 02:00	14.6	354422.9	43.01	2.28	7.16	0.80
05/10/2023 03:00	14.6	353600.9	43.32	2.30	6.97	0.58
05/10/2023 04:00	14.6	353541.1	43.88	2.34	9.97	0.55
05/10/2023 05:00	14.6	352687.9	43.78	2.32	12.28	0.55
05/10/2023 06:00	14.6	353049.1	43.54	2.37	13.59	0.61
05/10/2023 07:00	14.6	353666.4	43.66	2.18	9.88	0.62
05/10/2023 08:00	14.6	336056.4	43.76	2.24	7.95	0.61
05/10/2023 09:00	14.6	316110.2	43.74	2.06	6.84	0.55
05/10/2023 10:00	14.7	348830.7	44.83	2.16	7.06	0.56
05/10/2023 11:00	14.8	348933.2	44.33	1.92	6.84	0.57
05/10/2023 12:00	14.7	347209.4	43.58	2.04	7.45	0.60
05/10/2023 13:00	14.6	347254.9	42.14	1.91	9.37	1.01
05/10/2023 14:00	14.6	344302.3	43.01	2.17	6.60	0.58
05/10/2023 15:00	14.8	347678.8	43.51	2.18	6.78	0.68
05/10/2023 16:00	14.8	346888.0	43.70	2.00	6.83	0.63
05/10/2023 17:00	14.7	341216.2	42.24	2.04	6.62	0.58
05/10/2023 18:00	14.7	337071.9	41.03	1.94	6.59	0.63
05/10/2023 19:00	14.7	338192.6	41.05	2.17	6.59	0.70
05/10/2023 20:00	14.6	337418.9	41.59	1.99	9.87	0.51
05/10/2023 21:00	14.6	339495.3	41.28	2.08	8.96	0.62
05/10/2023 22:00	14.7	342826.1	41.50	2.14	7.16	0.78
05/10/2023 23:00	14.6	330571.8	41.61	2.09	7.32	0.70
06/10/2023 00:00	14.7	355435.6	42.41	2.19	8.39	0.71
06/10/2023 01:00	14.7	354781.4	42.50	2.25	9.55	0.80
06/10/2023 02:00	14.7	355082.9	42.57	2.34	10.50	0.82
06/10/2023 03:00	14.6	354243.8	42.60	2.14	8.96	0.79
06/10/2023 04:00	14.6	353185.6	42.25	2.30	7.26	0.77
06/10/2023 05:00	14.6	353666.4	42.56	2.20	7.03	0.64
06/10/2023 06:00	14.6	353219.8	42.87	2.28	6.94	0.57
06/10/2023 07:00	14.7	353822.8	43.62	2.30	7.22	0.60
06/10/2023 08:00	14.7	338687.5	42.71	2.15	8.13	0.60
06/10/2023 09:00	14.7	318164.2	42.26	2.22	8.65	0.63
06/10/2023 10:00	14.8	345883.9	41.54	2.20	8.31	0.61
06/10/2023 11:00	14.9	344788.8	42.23	2.28	7.39	0.64

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/10/2023 12:00	14.9	344018.0	42.51	2.03	6.93	0.79
06/10/2023 13:00	14.8	347698.7	43.62	2.04	6.77	1.18
06/10/2023 14:00	14.7	347778.3	43.77	1.80	6.55	0.88
06/10/2023 15:00	14.7	348284.6	43.41	1.84	7.23	0.65
06/10/2023 16:00	14.7	348330.2	45.44	1.73	7.13	0.65
06/10/2023 17:00	14.7	344720.6	43.86	1.92	6.88	0.82
06/10/2023 18:00	14.6	341421.1	42.19	1.82	6.76	0.78
06/10/2023 19:00	14.7	339654.5	42.14	1.82	6.72	0.62
06/10/2023 20:00	14.7	341665.6	41.74	1.92	7.84	0.72
06/10/2023 21:00	14.7	341947.1	41.48	1.92	9.04	0.67
06/10/2023 22:00	14.7	344040.8	41.57	1.97	8.40	0.74
06/10/2023 23:00	14.7	339092.6	43.02	1.87	7.83	0.85
07/10/2023 00:00	14.7	353845.5	42.96	2.11	7.42	0.76
07/10/2023 01:00	14.7	353327.8	43.90	2.07	6.94	0.76
07/10/2023 02:00	14.7	354033.3	45.68	2.18	6.83	0.93
07/10/2023 03:00	14.6	353911.0	46.16	2.20	6.86	0.78
07/10/2023 04:00	14.7	352929.6	45.84	2.16	6.91	0.56
07/10/2023 05:00	14.7	352744.7	45.34	2.28	7.78	0.67
07/10/2023 06:00	14.7	352118.9	43.68	2.14	9.18	0.78
07/10/2023 07:00	14.7	352656.6	43.92	2.22	8.44	0.78
07/10/2023 08:00	14.7	337221.1	45.27	2.13	7.01	0.90
07/10/2023 09:00	14.7	318191.4	44.61	2.08	6.47	1.12
07/10/2023 10:00	14.7	342117.9	46.05	1.91	6.53	1.10
07/10/2023 11:00	14.7	342459.2	46.60	1.85	6.43	1.15
07/10/2023 12:00	14.7	340644.4	46.12	1.71	6.40	1.15
07/10/2023 13:00	14.7	342280.0	48.05	1.59	6.51	1.17
07/10/2023 14:00	14.7	341184.9	48.21	1.71	6.65	1.10
07/10/2023 15:00	14.7	343241.4	46.83	1.35	6.52	1.10
07/10/2023 16:00	14.7	343725.0	44.93	1.46	6.46	0.63
07/10/2023 17:00	14.7	343531.6	45.07	1.41	7.21	0.56
07/10/2023 18:00	14.7	340297.4	43.69	1.67	7.50	0.62
07/10/2023 19:00	14.6	338112.9	43.21	1.57	7.52	0.73
07/10/2023 20:00	14.6	333126.6	42.82	1.69	9.52	1.09
07/10/2023 21:00	14.6	333072.6	42.29	1.84	8.19	0.77
07/10/2023 22:00	14.6	336136.0	42.49	1.95	7.47	0.44
07/10/2023 23:00	14.6	315870.5	41.70	2.04	7.34	0.48
08/10/2023 00:00	14.6	321857.0	40.34	1.95	7.07	0.51
08/10/2023 01:00	14.6	322061.7	40.09	2.20	7.76	0.57
08/10/2023 02:00	14.6	322167.0	39.53	2.04	10.11	0.61
08/10/2023 03:00	14.6	320491.6	39.34	2.21	8.67	0.66
08/10/2023 04:00	14.6	319632.6	38.90	2.17	9.98	0.72
08/10/2023 05:00	14.5	316648.7	38.60	2.16	10.62	0.74
08/10/2023 06:00	14.5	311332.5	38.75	2.16	10.58	0.76
08/10/2023 07:00	14.5	308860.7	38.49	2.12	9.49	0.76
08/10/2023 08:00	14.6	308689.9	38.43	2.23	7.79	0.75
08/10/2023 09:00	14.7	309927.3	38.34	2.04	7.05	0.78
08/10/2023 10:00	14.8	313104.6	39.51	2.08	6.44	1.06
08/10/2023 11:00	14.6	310823.3	39.68	1.91	6.00	1.33
08/10/2023 12:00	14.6	307771.2	40.02	1.83	6.00	1.32
08/10/2023 13:00	14.6	309583.1	39.92	1.74	5.97	1.10
08/10/2023 14:00	14.6	309327.2	40.07	1.56	6.00	1.17
08/10/2023 15:00	14.6	311574.2	40.18	1.50	6.00	1.32
08/10/2023 16:00	14.5	311506.0	40.90	1.44	6.77	0.48
08/10/2023 17:00	14.5	291891.7	40.70	1.67	7.10	0.43
08/10/2023 18:00	14.6	306231.5	39.11	1.67	7.55	0.42
08/10/2023 19:00	14.6	329329.2	40.48	1.77	6.83	0.57
08/10/2023 20:00	14.6	330936.4	41.37	1.79	7.13	0.53
08/10/2023 21:00	14.7	331658.8	41.57	1.89	7.17	0.45
08/10/2023 22:00	14.7	314160.9	41.50	2.06	7.07	0.54
08/10/2023 23:00	14.6	315161.1	39.59	1.91	7.20	0.55
09/10/2023 00:00	14.6	315109.9	40.35	2.10	7.22	0.60
09/10/2023 01:00	14.6	314685.0	40.31	1.98	6.76	0.62
09/10/2023 02:00	14.6	314225.3	40.64	2.20	6.66	0.66
09/10/2023 03:00	14.6	313073.3	40.79	2.08	6.61	0.62
09/10/2023 04:00	14.7	312376.4	41.12	2.29	6.62	0.62
09/10/2023 05:00	14.7	310868.8	41.03	2.12	6.78	0.65

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/10/2023 06:00	14.6	312888.3	39.39	2.17	8.16	0.84
09/10/2023 07:00	14.6	325802.2	39.44	2.11	9.53	0.80
09/10/2023 08:00	14.7	338053.2	41.00	2.18	8.80	0.76
09/10/2023 09:00	14.8	310220.4	41.45	2.06	8.00	0.79
09/10/2023 10:00	14.8	347095.7	45.06	2.08	7.05	1.12
09/10/2023 11:00	14.8	343460.4	45.41	1.87	6.49	0.91
09/10/2023 12:00	14.8	341190.6	45.20	1.79	6.41	0.85
09/10/2023 13:00	14.9	345619.5	46.83	1.61	6.56	0.87
09/10/2023 14:00	14.8	346634.9	47.00	1.56	6.61	0.85
09/10/2023 15:00	14.8	347667.4	46.88	1.42	6.53	0.66
09/10/2023 16:00	14.8	347778.4	47.07	1.39	6.49	0.53
09/10/2023 17:00	14.8	341002.9	45.92	1.52	6.63	0.48
09/10/2023 18:00	14.7	336502.9	44.46	1.44	6.71	0.49
09/10/2023 19:00	14.7	337930.9	44.14	1.68	6.74	0.60
09/10/2023 20:00	14.7	340266.2	43.78	1.63	7.77	0.51
09/10/2023 21:00	14.7	339614.8	43.64	1.61	8.28	0.40
09/10/2023 22:00	14.7	341628.6	42.99	1.76	7.86	0.49
09/10/2023 23:00	14.6	325194.5	41.79	1.66	7.69	0.73
10/10/2023 00:00	14.6	331624.7	40.24	1.72	8.00	0.71
10/10/2023 01:00	14.6	332318.8	40.07	1.91	7.85	0.73
10/10/2023 02:00	14.5	329795.8	40.61	1.83	11.91	0.39
10/10/2023 03:00	14.5	326763.5	40.38	1.91	19.83	0.43
10/10/2023 04:00	14.5	324308.9	40.20	2.04	17.59	0.46
10/10/2023 05:00	14.5	320153.1	39.57	1.91	19.36	0.46
10/10/2023 06:00	14.5	320158.8	39.15	2.14	9.00	0.54
10/10/2023 07:00	14.6	330760.0	39.58	2.08	7.69	0.57
10/10/2023 08:00	14.7	339870.8	40.80	2.14	7.26	0.61
10/10/2023 09:00	14.7	314357.8	40.85	2.13	7.43	0.54
10/10/2023 10:00	14.7	347533.7	41.54	2.03	7.90	0.51
10/10/2023 11:00	14.7	347877.9	42.74	2.05	7.47	0.74
10/10/2023 12:00	14.9	342410.8	42.21	1.95	7.19	0.55
10/10/2023 13:00	14.9	347656.0	44.05	2.05	7.31	0.51
10/10/2023 14:00	15.0	350469.1	44.69	1.85	7.45	0.51
10/10/2023 15:00	14.8	350238.8	44.29	1.90	7.48	0.48
10/10/2023 16:00	14.7	348074.2	43.40	1.81	7.81	0.42
10/10/2023 17:00	14.6	339355.9	41.55	1.63	9.28	0.46
10/10/2023 18:00	14.6	336616.7	41.85	1.87	9.73	0.46
10/10/2023 19:00	14.6	336682.1	41.88	1.78	8.91	0.48
10/10/2023 20:00	14.6	338932.1	42.32	1.85	8.69	0.53
10/10/2023 21:00	14.6	339509.5	42.37	2.04	7.98	0.58
10/10/2023 22:00	14.7	341816.4	42.35	1.91	7.56	0.61
10/10/2023 23:00	14.7	324287.3	41.70	2.12	7.66	0.60
11/10/2023 00:00	14.6	330501.2	40.39	1.95	8.65	0.60
11/10/2023 01:00	14.6	331821.0	40.09	1.98	8.81	0.62
11/10/2023 02:00	14.6	331525.2	39.81	2.04	12.19	0.68
11/10/2023 03:00	14.6	329457.3	39.60	2.06	10.84	0.68
11/10/2023 04:00	14.6	326627.0	39.71	2.04	9.85	0.61
11/10/2023 05:00	14.5	322331.9	40.08	1.99	9.27	0.59
11/10/2023 06:00	14.6	321558.3	40.32	2.08	9.24	0.57
11/10/2023 07:00	14.6	332600.4	40.75	2.08	9.36	0.71
11/10/2023 08:00	14.8	341403.9	41.75	2.09	8.23	0.73
11/10/2023 09:00	14.9	308927.6	43.39	2.08	7.34	0.76
11/10/2023 10:00	15.0	346797.1	43.64	2.01	7.16	0.68
11/10/2023 11:00	14.9	347718.6	43.96	1.84	7.09	0.69
11/10/2023 12:00	14.8	348168.1	43.39	1.80	7.18	0.84
11/10/2023 13:00	14.8	349177.8	43.81	1.79	7.12	0.79
11/10/2023 14:00	14.8	348671.5	45.07	1.63	6.90	0.57
11/10/2023 15:00	14.9	349186.3	47.44	1.71	7.19	0.51
11/10/2023 16:00	14.9	349556.1	46.43	1.51	7.66	0.54
11/10/2023 17:00	14.8	343685.2	44.76	1.46	7.38	0.50
11/10/2023 18:00	14.7	337032.0	43.66	1.42	7.81	0.40
11/10/2023 19:00	14.6	336995.0	42.63	1.44	8.51	0.44
11/10/2023 20:00	14.6	341244.7	43.30	1.62	8.15	0.51
11/10/2023 21:00	14.7	340985.8	43.42	1.63	7.75	0.53
11/10/2023 22:00	14.7	341995.6	43.26	1.69	7.91	0.62
11/10/2023 23:00	14.6	324460.9	41.70	1.72	8.41	0.66

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/10/2023 00:00	14.6	332702.7	40.88	1.70	8.51	0.64
12/10/2023 01:00	14.6	332936.0	40.31	1.85	12.05	0.84
12/10/2023 02:00	14.6	332970.2	39.49	1.81	8.73	0.77
12/10/2023 03:00	14.6	331573.6	39.75	1.97	10.07	0.71
12/10/2023 04:00	14.6	329440.3	39.97	1.97	10.58	0.77
12/10/2023 05:00	14.6	323344.6	39.37	1.87	9.44	0.73
12/10/2023 06:00	14.6	323313.3	40.23	1.98	10.19	0.68
12/10/2023 07:00	14.6	332899.1	40.95	1.88	10.08	0.66
12/10/2023 08:00	14.6	340232.1	41.63	1.91	10.17	0.58
12/10/2023 09:00	14.7	310334.3	43.38	1.88	8.19	0.60
12/10/2023 10:00	14.9	347482.5	44.38	1.85	7.54	0.67
12/10/2023 11:00	14.9	346814.1	45.15	1.89	6.97	0.56
12/10/2023 12:00	14.8	345335.0	45.34	1.53	6.93	0.53
12/10/2023 13:00	14.8	348233.5	44.90	1.39	7.06	0.59
12/10/2023 14:00	14.7	343193.0	44.13	1.33	7.01	0.59
12/10/2023 15:00	14.8	350554.4	47.53	1.38	7.05	0.59
12/10/2023 16:00	14.7	350338.4	46.27	1.35	7.33	0.54
12/10/2023 17:00	14.7	347030.2	46.24	1.53	7.44	0.61
12/10/2023 18:00	14.7	342729.4	44.27	1.53	7.25	0.54
12/10/2023 19:00	14.8	342416.6	43.69	1.52	7.15	0.59
12/10/2023 20:00	14.8	344959.5	44.36	1.80	7.19	0.61
12/10/2023 21:00	14.8	344023.7	43.82	1.73	7.26	0.59
12/10/2023 22:00	14.8	342496.2	43.02	1.77	7.32	0.68
12/10/2023 23:00	14.7	323666.0	40.71	1.77	7.12	0.76
13/10/2023 00:00	14.7	330011.9	39.10	1.77	7.30	0.81
13/10/2023 01:00	14.7	327486.0	38.69	1.87	7.28	1.51
13/10/2023 02:00	14.6	323731.4	37.82	1.95	8.29	1.35
13/10/2023 03:00	14.6	318224.5	36.89	1.83	6.93	1.08
13/10/2023 04:00	14.6	312481.6	36.87	1.97	7.24	1.06
13/10/2023 05:00	14.6	303763.4	37.98	1.94	9.61	0.99
13/10/2023 06:00	14.5	295250.0	39.32	1.90	8.88	0.89
13/10/2023 07:00	14.5	290147.0	39.94	1.96	8.16	0.85
13/10/2023 08:00	14.6	291725.7	40.74	1.82	7.00	0.68
13/10/2023 09:00	14.6	290741.5	42.05	1.73	6.59	0.57
13/10/2023 10:00	14.6	287535.9	43.65	1.45	6.31	0.53
13/10/2023 11:00	14.5	284352.9	43.33	1.31	6.22	0.54
13/10/2023 12:00	14.5	283200.9	42.96	1.22	6.43	0.59
13/10/2023 13:00	14.6	284782.4	43.04	1.07	6.61	0.59
13/10/2023 14:00	14.6	287188.8	42.91	1.25	6.49	0.59
13/10/2023 15:00	14.6	288235.6	42.63	1.10	6.45	0.60
13/10/2023 16:00	14.6	287638.3	43.16	1.06	6.50	0.62
13/10/2023 17:00	14.7	270594.8	44.04	1.29	6.55	0.53
13/10/2023 18:00	14.7	305001.2	42.08	1.16	6.87	0.43
13/10/2023 19:00	14.7	323438.4	42.59	1.31	6.93	0.56
13/10/2023 20:00	14.6	324820.8	40.81	1.49	7.32	0.67
13/10/2023 21:00	14.6	324169.5	40.24	1.31	7.37	0.66
13/10/2023 22:00	14.6	297294.7	42.48	1.62	7.18	0.64
13/10/2023 23:00	14.5	278900.1	43.49	1.55	6.95	0.65
14/10/2023 00:00	14.5	277088.1	43.29	1.50	6.99	0.61
14/10/2023 01:00	14.5	276510.8	42.92	1.72	7.12	0.59
14/10/2023 02:00	14.5	275026.0	42.22	1.67	7.33	0.61
14/10/2023 03:00	14.5	274602.1	42.46	1.73	7.55	0.61
14/10/2023 04:00	14.5	273615.2	41.81	1.95	7.71	0.65
14/10/2023 05:00	14.5	270910.1	41.46	1.85	7.84	0.61
14/10/2023 06:00	14.5	273262.4	42.11	1.86	7.76	0.61
14/10/2023 07:00	14.5	276772.5	43.20	1.89	7.03	0.59
14/10/2023 08:00	14.5	278454.9	43.68	1.82	6.54	0.59
14/10/2023 09:00	14.7	282735.8	43.02	1.56	6.68	0.38
14/10/2023 10:00	14.8	261762.6	44.60	1.56	6.70	0.29
14/10/2023 11:00	14.6	351407.8	42.89	1.30	6.75	0.42
14/10/2023 12:00	14.6	354587.9	43.47	1.26	6.85	0.40
14/10/2023 13:00	14.6	355091.4	43.38	1.35	7.14	0.42
14/10/2023 14:00	14.6	355614.8	43.07	1.13	7.14	0.42
14/10/2023 15:00	14.6	338570.9	41.77	1.15	6.68	0.49
14/10/2023 16:00	14.7	321700.5	41.45	1.18	6.63	0.51
14/10/2023 17:00	14.7	320952.4	43.24	1.27	6.68	0.51

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/10/2023 18:00	14.7	319146.2	42.08	1.30	7.17	0.54
14/10/2023 19:00	14.7	318608.6	41.48	1.52	7.15	0.58
14/10/2023 20:00	14.7	318295.7	41.19	1.45	6.94	0.65
14/10/2023 21:00	14.7	317595.9	40.36	1.34	8.86	0.65
14/10/2023 22:00	14.7	316594.6	39.78	1.58	7.47	0.71
14/10/2023 23:00	14.6	283826.2	41.08	1.46	6.96	0.78
15/10/2023 00:00	14.5	277165.0	40.53	1.59	7.21	0.76
15/10/2023 01:00	14.5	277167.8	40.17	1.56	9.68	0.80
15/10/2023 02:00	14.5	276567.7	39.47	1.47	8.82	0.84
15/10/2023 03:00	14.5	275580.7	38.90	1.70	10.21	0.93
15/10/2023 04:00	14.5	275634.7	38.38	1.73	8.81	1.06
15/10/2023 05:00	14.5	273811.3	38.28	1.69	10.05	0.95
15/10/2023 06:00	14.5	273612.3	38.30	1.84	10.19	1.06
15/10/2023 07:00	14.5	272702.0	38.49	1.82	8.19	0.87
15/10/2023 08:00	14.6	271234.3	41.28	1.67	6.83	0.57
15/10/2023 09:00	14.6	271843.1	41.81	1.58	6.63	0.51
15/10/2023 10:00	14.6	271740.7	42.18	1.43	6.47	0.55
15/10/2023 11:00	14.5	270952.8	42.57	1.31	6.36	0.50
15/10/2023 12:00	14.5	272119.0	42.55	1.11	6.23	0.52
15/10/2023 13:00	14.6	272087.7	43.14	1.15	6.46	0.60
15/10/2023 14:00	14.6	273825.6	43.58	1.15	6.29	0.57
15/10/2023 15:00	14.5	273908.1	42.25	1.13	6.33	0.52
15/10/2023 16:00	14.5	273947.9	42.42	1.13	6.70	0.57
15/10/2023 17:00	14.6	262337.9	43.03	1.31	6.78	0.55
15/10/2023 18:00	14.6	296238.8	39.46	1.26	6.96	0.51
15/10/2023 19:00	14.7	317422.4	40.50	1.38	6.85	0.64
15/10/2023 20:00	14.6	318147.8	40.21	1.40	6.86	0.62
15/10/2023 21:00	14.6	320645.2	40.28	1.49	6.93	0.64
15/10/2023 22:00	14.6	295949.2	41.86	1.55	6.94	0.69
15/10/2023 23:00	14.5	279338.2	41.55	1.43	6.82	0.87
16/10/2023 00:00	14.5	278098.0	42.31	1.63	6.98	0.93
16/10/2023 01:00	14.5	277788.4	42.13	1.60	7.05	0.89
16/10/2023 02:00	14.5	277952.9	41.13	1.67	7.35	1.00
16/10/2023 03:00	14.6	276707.1	40.84	1.69	7.45	0.92
16/10/2023 04:00	14.6	275757.0	40.87	1.62	7.18	0.99
16/10/2023 05:00	14.5	275080.0	41.50	1.79	6.92	0.79
16/10/2023 06:00	14.5	275819.6	41.61	1.81	7.72	0.76
16/10/2023 07:00	14.6	287567.1	39.84	1.71	7.09	0.83
16/10/2023 08:00	14.6	304010.8	38.71	1.86	6.91	0.75
16/10/2023 09:00	14.8	309253.4	43.74	1.70	7.07	0.57
16/10/2023 10:00	14.8	344128.9	46.02	1.64	7.04	0.52
16/10/2023 11:00	14.8	343864.3	46.63	1.54	6.96	0.52
16/10/2023 12:00	14.8	342063.8	46.35	1.36	6.92	0.57
16/10/2023 13:00	14.8	346211.0	48.02	1.32	7.05	0.52
16/10/2023 14:00	14.8	348005.9	48.70	1.29	7.11	0.50
16/10/2023 15:00	14.7	347272.1	48.41	1.26	7.19	0.47
16/10/2023 16:00	14.7	348827.9	49.17	1.48	7.26	0.45
16/10/2023 17:00	14.7	346623.4	48.61	1.51	7.26	0.45
16/10/2023 18:00	14.7	342149.2	47.09	1.41	7.23	0.47
16/10/2023 19:00	14.7	343622.6	47.61	1.59	7.30	0.47
16/10/2023 20:00	14.7	345235.4	47.61	1.57	7.43	0.49
16/10/2023 21:00	14.7	344592.6	47.22	1.59	7.55	0.47
16/10/2023 22:00	14.7	342720.9	46.09	1.70	7.52	0.54
16/10/2023 23:00	14.6	310619.5	44.05	1.62	7.29	0.58
17/10/2023 00:00	14.6	307686.0	42.27	1.60	7.32	0.59
17/10/2023 01:00	14.6	308530.7	41.85	1.73	7.22	0.68
17/10/2023 02:00	14.5	307919.2	41.09	1.68	7.28	0.74
17/10/2023 03:00	14.5	305546.9	40.76	1.90	7.08	0.76
17/10/2023 04:00	14.5	304113.3	40.65	1.92	7.07	0.76
17/10/2023 05:00	14.6	301558.9	40.58	1.79	7.00	0.83
17/10/2023 06:00	14.6	306178.3	39.86	1.89	6.96	0.92
17/10/2023 07:00	14.6	324351.5	41.23	1.95	7.04	0.75
17/10/2023 08:00	14.7	335814.6	43.52	1.82	6.95	0.65
17/10/2023 09:00	14.7	310038.4	44.38	1.76	6.78	0.72
17/10/2023 10:00	14.8	349109.6	45.56	1.67	6.83	0.52
17/10/2023 11:00	14.8	346660.4	48.15	1.48	6.97	0.62

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/10/2023 12:00	14.8	347252.1	49.81	1.53	6.64	0.55
17/10/2023 13:00	14.8	347974.6	50.19	1.37	7.01	0.52
17/10/2023 14:00	14.8	347519.5	52.64	1.31	7.14	0.57
17/10/2023 15:00	14.8	348930.4	52.66	1.27	7.07	0.57
17/10/2023 16:00	14.7	349459.5	51.87	1.24	7.04	0.54
17/10/2023 17:00	14.7	349027.0	49.88	1.42	7.16	0.54
17/10/2023 18:00	14.7	343983.8	48.29	1.55	7.11	0.54
17/10/2023 19:00	14.7	344214.3	47.08	1.51	7.03	0.68
17/10/2023 20:00	14.8	346481.3	45.99	1.57	7.06	0.82
17/10/2023 21:00	14.8	346615.0	45.37	1.80	7.46	0.89
17/10/2023 22:00	14.8	344427.6	44.05	1.55	7.51	0.91
17/10/2023 23:00	14.7	327271.0	41.90	1.71	7.35	1.42
18/10/2023 00:00	14.7	334173.4	41.39	1.76	6.66	1.16
18/10/2023 01:00	14.6	333874.7	41.68	1.69	6.66	1.00
18/10/2023 02:00	14.6	333473.6	40.90	1.84	7.28	1.00
18/10/2023 03:00	14.6	331980.2	40.39	1.86	6.51	0.93
18/10/2023 04:00	14.6	331357.4	39.84	1.86	7.13	0.84
18/10/2023 05:00	14.6	325062.6	38.86	1.98	7.72	0.97
18/10/2023 06:00	14.6	324653.1	39.14	1.94	7.36	0.88
18/10/2023 07:00	14.6	334563.1	39.93	1.93	7.95	0.95
18/10/2023 08:00	14.7	342194.7	41.52	1.92	7.55	0.91
18/10/2023 09:00	14.7	311712.3	42.10	1.74	6.96	0.87
18/10/2023 10:00	14.7	350287.2	43.55	1.64	6.62	0.97
18/10/2023 11:00	14.7	343579.9	41.50	1.48	6.49	0.65
18/10/2023 12:00	14.8	345297.9	46.18	1.51	6.83	0.70
18/10/2023 13:00	14.7	348594.7	48.61	1.30	6.86	0.74
18/10/2023 14:00	14.7	348540.6	50.37	1.21	6.98	0.67
18/10/2023 15:00	14.7	347849.4	51.54	1.35	6.88	0.65
18/10/2023 16:00	14.7	348665.8	52.03	1.29	6.93	0.63
18/10/2023 17:00	14.8	346768.5	50.05	1.50	6.96	0.59
18/10/2023 18:00	14.7	340573.3	46.02	1.51	7.02	0.97
18/10/2023 19:00	14.7	341935.8	43.98	1.52	6.87	1.20
18/10/2023 20:00	14.7	343887.1	44.56	1.61	6.94	1.23
18/10/2023 21:00	14.7	343369.4	43.84	1.63	7.02	1.16
18/10/2023 22:00	14.7	343705.1	43.30	1.60	7.09	1.02
18/10/2023 23:00	14.6	325612.6	41.74	1.88	6.84	0.77
19/10/2023 00:00	14.6	333158.0	37.40	1.80	7.36	0.81
19/10/2023 01:00	14.6	334543.1	38.29	1.73	8.32	0.82
19/10/2023 02:00	14.6	331636.1	41.35	1.93	8.85	0.60
19/10/2023 03:00	14.6	328700.7	40.95	1.96	10.07	0.53
19/10/2023 04:00	14.6	324576.2	41.66	1.82	9.57	0.50
19/10/2023 05:00	14.5	318614.2	41.48	2.14	10.70	0.57
19/10/2023 06:00	14.5	320417.7	40.24	2.11	13.46	0.57
19/10/2023 07:00	14.6	330538.1	40.75	1.98	8.82	0.62
19/10/2023 08:00	14.7	338932.1	41.25	2.25	7.55	0.67
19/10/2023 09:00	14.7	326881.0	41.47	2.14	7.21	0.65
19/10/2023 10:00	14.8	348091.2	42.04	2.11	7.18	0.71
19/10/2023 11:00	14.9	345883.9	43.95	1.97	7.14	0.81
19/10/2023 12:00	14.8	343767.7	44.33	1.87	6.61	0.91
19/10/2023 13:00	14.7	346606.4	43.90	1.61	6.41	0.72
19/10/2023 14:00	14.7	348278.9	44.34	1.41	6.67	0.72
19/10/2023 15:00	14.6	349854.8	41.48	1.44	6.85	0.60
19/10/2023 16:00	14.7	347092.8	41.70	1.38	7.03	0.83
19/10/2023 17:00	14.7	345104.6	45.02	1.49	6.97	0.72
19/10/2023 18:00	14.7	338556.6	44.96	1.56	6.82	0.56
19/10/2023 19:00	14.7	339361.6	44.81	1.61	7.40	0.58
19/10/2023 20:00	14.8	342214.6	46.92	1.76	7.03	0.63
19/10/2023 21:00	14.7	341275.9	45.21	1.85	7.01	0.59
19/10/2023 22:00	14.7	343491.8	44.50	1.84	7.25	0.67
19/10/2023 23:00	14.7	326761.7	42.97	1.76	7.16	0.80
20/10/2023 00:00	14.7	334312.7	41.32	1.96	7.07	0.91
20/10/2023 01:00	14.6	335083.6	40.77	1.90	7.14	1.13
20/10/2023 02:00	14.6	333160.7	40.77	1.81	6.83	0.99
20/10/2023 03:00	14.6	331661.7	40.47	2.05	6.93	1.01
20/10/2023 04:00	14.6	328965.1	40.16	2.04	6.70	0.90
20/10/2023 05:00	14.6	325529.1	40.31	1.99	6.66	0.73

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/10/2023 06:00	14.6	323668.8	40.06	2.12	6.78	0.82
20/10/2023 07:00	14.7	333792.2	39.72	2.07	7.36	0.89
20/10/2023 08:00	14.6	339717.2	40.86	2.01	7.13	0.71
20/10/2023 09:00	14.6	310954.3	42.91	1.88	6.71	0.62
20/10/2023 10:00	14.6	350025.4	44.17	1.52	6.80	0.57
20/10/2023 11:00	14.6	344091.9	40.21	1.44	6.76	0.53
20/10/2023 12:00	14.5	341637.2	40.66	1.41	6.66	0.48
20/10/2023 13:00	14.5	346370.4	41.26	1.24	6.92	0.52
20/10/2023 14:00	14.6	346652.0	41.46	1.32	6.82	0.53
20/10/2023 15:00	14.6	351046.5	42.05	1.22	6.73	0.55
20/10/2023 16:00	14.6	351794.7	41.99	1.17	6.70	0.53
20/10/2023 17:00	14.6	345121.6	43.29	1.44	6.71	0.58
20/10/2023 18:00	14.7	340860.7	47.52	1.38	6.72	0.42
20/10/2023 19:00	14.7	340183.7	47.23	1.56	7.25	0.62
20/10/2023 20:00	14.7	341910.2	46.21	1.70	7.04	0.63
20/10/2023 21:00	14.7	342263.0	45.90	1.74	7.58	0.54
20/10/2023 22:00	14.7	343338.2	45.68	1.72	7.52	0.58
20/10/2023 23:00	14.6	324421.1	43.54	1.71	7.37	0.71
21/10/2023 00:00	14.7	332335.8	42.72	1.89	7.38	0.67
21/10/2023 01:00	14.7	333738.2	42.86	1.90	7.23	0.76
21/10/2023 02:00	14.6	332205.0	41.72	1.87	7.24	0.69
21/10/2023 03:00	14.6	330734.4	40.10	1.95	7.38	0.70
21/10/2023 04:00	14.6	325745.3	40.95	1.89	8.90	0.53
21/10/2023 05:00	14.5	319754.8	40.81	1.88	10.82	0.46
21/10/2023 06:00	14.6	318810.5	41.20	2.01	9.65	0.48
21/10/2023 07:00	14.6	327073.6	42.50	1.94	8.51	0.49
21/10/2023 08:00	14.6	330592.2	42.57	1.98	7.37	0.51
21/10/2023 09:00	14.7	304054.9	43.46	1.96	7.57	0.58
21/10/2023 10:00	14.7	344629.6	43.89	1.97	7.36	0.67
21/10/2023 11:00	14.7	344353.6	43.80	1.78	6.87	0.67
21/10/2023 12:00	14.7	340465.3	43.08	1.89	6.81	0.56
21/10/2023 13:00	14.7	345380.4	44.05	1.77	6.97	0.54
21/10/2023 14:00	14.7	347041.6	45.69	1.58	7.08	0.49
21/10/2023 15:00	14.7	347109.9	45.85	1.58	7.01	0.51
21/10/2023 16:00	14.7	346973.3	44.46	1.65	7.15	0.94
21/10/2023 17:00	14.6	339395.8	43.85	1.45	8.83	0.31
21/10/2023 18:00	14.5	333234.7	42.79	1.79	21.45	0.35
21/10/2023 19:00	14.6	332938.9	42.18	1.88	10.88	0.44
21/10/2023 20:00	14.6	334233.1	43.13	1.78	9.69	0.66
21/10/2023 21:00	14.6	333157.9	42.43	2.01	10.41	0.84
21/10/2023 22:00	14.6	335277.1	42.60	2.05	8.65	0.44
21/10/2023 23:00	14.6	331289.1	44.23	2.07	12.34	0.37
22/10/2023 00:00	14.6	352969.4	45.41	2.21	11.01	0.51
22/10/2023 01:00	14.6	352943.8	45.12	2.18	12.20	0.55
22/10/2023 02:00	14.6	353177.1	44.70	2.07	12.56	0.37
22/10/2023 03:00	14.6	353524.1	44.71	2.27	12.36	0.42
22/10/2023 04:00	14.6	353330.7	45.02	2.24	13.86	0.40
22/10/2023 05:00	14.6	353245.4	45.16	2.11	14.60	0.40
22/10/2023 06:00	14.6	353660.6	44.77	2.27	14.21	0.44
22/10/2023 07:00	14.6	353859.8	45.00	2.17	13.28	0.42
22/10/2023 08:00	14.7	354337.6	45.49	2.18	8.78	0.42
22/10/2023 09:00	14.7	354602.1	46.19	1.99	8.34	0.42
22/10/2023 10:00	14.7	355577.7	46.83	1.95	8.01	0.45
22/10/2023 11:00	14.7	354670.4	48.41	1.86	7.68	0.47
22/10/2023 12:00	14.7	353444.5	45.80	1.66	7.16	0.38
22/10/2023 13:00	14.6	353640.7	42.98	1.57	7.47	0.42
22/10/2023 14:00	14.6	354306.3	42.65	1.32	7.55	0.40
22/10/2023 15:00	14.6	354627.8	42.53	1.34	7.42	0.39
22/10/2023 16:00	14.5	354346.2	43.38	1.36	7.56	0.42
22/10/2023 17:00	14.5	295031.6	42.94	1.30	7.03	0.46
22/10/2023 18:00	14.7	311553.5	44.55	1.56	7.20	0.42
22/10/2023 19:00	14.7	335117.7	44.59	1.69	7.25	0.49
22/10/2023 20:00	14.7	336258.3	46.17	1.70	7.58	0.45
22/10/2023 21:00	14.7	335683.8	46.07	1.70	7.70	0.49
22/10/2023 22:00	14.6	316904.6	45.29	1.84	7.50	0.53
22/10/2023 23:00	14.6	318830.4	43.46	1.81	7.31	0.57

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/10/2023 00:00	14.6	318844.6	41.94	1.91	7.61	0.70
23/10/2023 01:00	14.6	319820.8	40.65	1.86	7.50	0.77
23/10/2023 02:00	14.5	317522.0	40.00	1.95	7.71	0.76
23/10/2023 03:00	14.5	315766.9	39.67	2.03	7.89	0.78
23/10/2023 04:00	14.5	314168.4	40.83	2.03	7.68	0.79
23/10/2023 05:00	14.5	308399.8	41.07	1.98	7.26	0.76
23/10/2023 06:00	14.5	306417.2	41.59	2.13	8.21	0.78
23/10/2023 07:00	14.6	310942.8	42.14	2.10	7.42	0.68
23/10/2023 08:00	14.6	314188.3	42.14	1.96	6.86	0.70
23/10/2023 09:00	14.6	316532.1	42.34	1.88	6.54	0.60
23/10/2023 10:00	14.6	315855.1	42.56	1.68	6.61	0.69
23/10/2023 11:00	14.6	315755.6	42.78	1.51	6.46	0.77
23/10/2023 12:00	14.6	314048.9	43.05	1.57	6.51	0.73
23/10/2023 13:00	14.7	316509.3	44.01	1.49	6.74	0.60
23/10/2023 14:00	14.6	319277.0	44.34	1.29	6.93	0.56
23/10/2023 15:00	14.7	319100.6	44.35	1.33	6.83	0.58
23/10/2023 16:00	14.7	320528.5	43.92	1.38	6.87	0.71
23/10/2023 17:00	14.6	300564.3	43.89	1.33	6.65	0.60
23/10/2023 18:00	14.7	312320.0	42.88	1.56	7.25	0.58
23/10/2023 19:00	14.6	337145.8	43.57	1.73	7.48	0.78
23/10/2023 20:00	14.6	338551.0	42.54	1.66	6.99	1.06
23/10/2023 21:00	14.6	338093.0	42.28	1.73	7.10	0.75
23/10/2023 22:00	14.6	319222.6	41.02	1.94	7.15	0.75
23/10/2023 23:00	14.5	320864.2	37.88	1.77	8.51	0.79
24/10/2023 00:00	14.5	321586.6	39.06	1.79	7.80	0.92
24/10/2023 01:00	14.5	320008.1	40.11	1.91	8.37	0.76
24/10/2023 02:00	14.5	319891.4	41.44	1.92	8.14	0.65
24/10/2023 03:00	14.5	317817.8	41.50	1.96	8.17	0.61
24/10/2023 04:00	14.5	316606.1	41.48	2.04	8.33	0.59
24/10/2023 05:00	14.5	315348.8	41.03	1.93	8.30	0.61
24/10/2023 06:00	14.5	315860.8	41.09	1.94	8.51	0.57
24/10/2023 07:00	14.6	327884.2	42.47	2.15	8.15	0.51
24/10/2023 08:00	14.6	333357.0	43.88	1.96	7.92	0.46
24/10/2023 09:00	14.6	304839.9	46.44	1.59	7.30	0.38
24/10/2023 10:00	14.7	347744.2	47.99	1.67	7.23	0.38
24/10/2023 11:00	14.6	345724.6	47.06	1.53	7.15	0.40
24/10/2023 12:00	14.6	343662.4	47.73	1.37	7.29	0.40
24/10/2023 13:00	14.6	348139.6	49.75	1.51	7.40	0.42
24/10/2023 14:00	14.6	347729.9	49.92	1.46	7.45	0.47
24/10/2023 15:00	14.6	347610.5	50.45	1.19	7.29	0.49
24/10/2023 16:00	14.5	349766.6	43.14	1.22	7.10	0.39
24/10/2023 17:00	14.5	345374.8	42.90	1.37	7.40	0.48
24/10/2023 18:00	14.6	344410.6	43.87	1.46	7.38	1.24
24/10/2023 19:00	14.6	344302.4	43.00	1.54	7.59	0.97
24/10/2023 20:00	14.6	346418.7	43.16	1.72	7.76	0.93
24/10/2023 21:00	14.6	347334.6	42.72	1.68	7.71	0.91
24/10/2023 22:00	14.6	346029.1	42.01	1.72	7.90	0.77
24/10/2023 23:00	14.6	328139.9	42.87	1.96	7.99	0.68
25/10/2023 00:00	14.6	337077.6	42.78	1.85	8.27	0.62
25/10/2023 01:00	14.6	336485.9	42.80	1.89	8.65	0.55
25/10/2023 02:00	14.6	337376.2	43.41	2.00	8.76	0.53
25/10/2023 03:00	14.6	333704.0	43.43	1.95	8.57	0.46
25/10/2023 04:00	14.5	330435.8	42.81	1.95	8.70	0.48
25/10/2023 05:00	14.5	324604.6	42.66	1.97	8.06	0.55
25/10/2023 06:00	14.5	325605.9	42.29	2.01	8.33	0.52
25/10/2023 07:00	14.6	333115.2	43.59	2.03	8.24	0.48
25/10/2023 08:00	14.6	335092.1	44.99	1.86	7.73	0.42
25/10/2023 09:00	14.6	305401.7	45.30	1.77	7.36	0.38
25/10/2023 10:00	14.6	347084.3	44.09	1.59	7.39	0.38
25/10/2023 11:00	14.6	344871.3	47.01	1.42	7.22	0.36
25/10/2023 12:00	14.6	344464.5	48.96	1.49	7.28	0.38
25/10/2023 13:00	14.6	350127.8	50.86	1.39	7.33	0.42
25/10/2023 14:00	14.6	351117.6	51.03	1.30	7.49	0.46
25/10/2023 15:00	14.6	352133.2	47.93	1.49	7.49	0.40
25/10/2023 16:00	14.6	350028.3	46.80	1.57	7.69	0.42
25/10/2023 17:00	14.6	348728.4	45.47	1.44	7.87	0.40

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/10/2023 18:00	14.6	344521.5	44.33	1.66	7.45	0.44
25/10/2023 19:00	14.6	344276.8	44.22	1.63	8.21	0.44
25/10/2023 20:00	14.6	346279.3	44.66	1.52	8.44	0.40
25/10/2023 21:00	14.6	345960.7	44.30	1.77	8.87	0.42
25/10/2023 22:00	14.6	344919.6	43.51	1.70	9.03	0.42
25/10/2023 23:00	14.6	327010.7	42.71	1.62	9.16	0.42
26/10/2023 00:00	14.6	336830.1	41.72	1.86	9.28	0.50
26/10/2023 01:00	14.6	337049.1	41.59	1.86	8.71	0.59
26/10/2023 02:00	14.6	337196.9	41.44	1.84	8.78	0.57
26/10/2023 03:00	14.6	333246.0	40.60	1.84	8.51	0.66
26/10/2023 04:00	14.6	331869.3	40.14	2.04	7.91	0.66
26/10/2023 05:00	14.5	324943.0	39.60	1.99	8.04	0.66
26/10/2023 06:00	14.5	326482.1	39.21	1.81	9.11	0.63
26/10/2023 07:00	14.6	333468.0	40.27	2.05	9.37	0.68
26/10/2023 08:00	14.6	333832.0	41.77	1.79	7.95	0.60
26/10/2023 09:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
26/10/2023 10:00	15.0	349129.4	50.65	2.23	7.63	0.54
26/10/2023 11:00	15.0	345778.7	51.73	2.02	7.73	0.47
26/10/2023 12:00	15.0	343286.9	50.96	1.97	7.79	0.45
26/10/2023 13:00	15.1	347047.4	51.84	2.05	8.12	0.51
26/10/2023 14:00	15.1	348202.2	53.42	1.73	7.99	0.55
26/10/2023 15:00	14.9	347832.3	51.40	1.62	7.62	0.51
26/10/2023 16:00	14.6	348779.6	52.92	1.57	7.24	0.53
26/10/2023 17:00	14.6	349479.3	52.53	1.43	7.22	0.55
26/10/2023 18:00	14.6	345847.0	48.01	1.63	7.30	0.62
26/10/2023 19:00	14.6	344862.8	45.33	1.66	7.75	0.74
26/10/2023 20:00	14.5	348165.2	44.43	1.59	7.27	0.83
26/10/2023 21:00	14.5	344424.7	44.13	1.67	8.52	0.30
26/10/2023 22:00	14.5	340348.7	45.22	1.86	10.64	0.30
26/10/2023 23:00	14.4	321573.5	42.41	1.89	10.81	0.51
27/10/2023 00:00	14.4	328913.9	37.92	1.87	9.20	0.51
27/10/2023 01:00	14.4	332785.3	40.39	2.17	8.85	0.62
27/10/2023 02:00	14.4	333687.0	40.30	2.06	8.12	0.43
27/10/2023 03:00	14.4	328259.8	39.97	2.10	9.28	0.53
27/10/2023 04:00	14.4	328905.4	39.73	2.27	8.30	0.64
27/10/2023 05:00	14.4	323711.5	39.56	2.31	8.30	0.60
27/10/2023 06:00	14.4	323885.0	38.56	2.05	9.82	0.58
27/10/2023 07:00	14.4	334571.6	39.51	2.19	10.05	0.52
27/10/2023 08:00	14.5	340889.0	41.14	2.23	9.08	0.45
27/10/2023 09:00	14.5	312555.7	42.85	1.95	7.73	0.41
27/10/2023 10:00	14.5	348486.6	44.30	1.84	7.37	0.44
27/10/2023 11:00	14.6	346211.0	44.09	1.80	7.20	0.81
27/10/2023 12:00	14.5	345937.9	43.91	1.57	6.86	0.81
27/10/2023 13:00	14.5	349655.6	45.68	1.56	6.98	0.43
27/10/2023 14:00	14.4	351587.0	42.88	1.44	7.19	0.94
27/10/2023 15:00	14.4	344578.4	42.39	1.58	8.74	0.64
27/10/2023 16:00	14.5	349226.2	44.74	1.76	7.61	0.52
27/10/2023 17:00	14.5	347747.0	43.69	1.80	7.71	0.65
27/10/2023 18:00	14.5	341933.0	41.51	1.81	7.09	0.50
27/10/2023 19:00	14.5	343104.9	42.28	1.95	7.74	0.45
27/10/2023 20:00	14.5	346845.3	43.37	1.93	7.80	0.52
27/10/2023 21:00	14.5	345932.3	42.52	1.89	8.28	0.59
27/10/2023 22:00	14.5	344259.8	42.59	1.89	8.25	0.52
27/10/2023 23:00	14.5	324645.5	41.72	1.91	8.16	0.61
28/10/2023 00:00	14.5	332304.5	39.82	1.92	7.71	0.63
28/10/2023 01:00	14.5	333593.1	39.47	1.92	8.02	0.69
28/10/2023 02:00	14.5	331246.4	39.24	2.03	8.96	0.75
28/10/2023 03:00	14.4	325449.5	38.02	1.97	9.62	0.71
28/10/2023 04:00	14.4	320557.0	37.49	1.96	7.88	0.73
28/10/2023 05:00	14.4	313878.3	37.42	2.13	9.83	0.68
28/10/2023 06:00	14.4	311050.9	38.00	2.04	10.26	0.64
28/10/2023 07:00	14.4	316606.1	38.27	1.93	8.71	0.60
28/10/2023 08:00	14.5	320892.6	38.47	1.98	7.54	0.56
28/10/2023 09:00	14.5	308468.3	39.64	1.93	7.70	0.54
28/10/2023 10:00	14.6	347400.1	41.83	1.75	7.22	0.55
28/10/2023 11:00	14.6	345551.1	43.59	1.78	7.32	0.44

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/10/2023 12:00	14.5	346282.1	43.37	1.72	7.43	0.41
28/10/2023 13:00	14.5	346182.6	43.04	1.69	8.34	0.45
28/10/2023 14:00	14.5	346888.0	42.11	1.88	7.85	0.56
28/10/2023 15:00	14.5	343938.4	41.94	1.98	7.48	0.67
28/10/2023 16:00	14.5	341019.9	41.83	1.83	7.61	0.50
28/10/2023 17:00	14.5	336193.0	40.79	1.87	8.17	0.60
28/10/2023 18:00	14.4	332833.6	39.85	2.07	7.57	0.71
28/10/2023 19:00	14.5	335265.6	40.34	1.92	8.06	0.58
28/10/2023 20:00	14.5	335882.9	42.24	1.95	7.93	0.54
28/10/2023 21:00	14.5	336184.4	41.87	1.99	8.15	0.65
28/10/2023 22:00	14.5	337976.3	41.37	2.02	7.74	0.74
28/10/2023 23:00	14.4	309187.3	39.57	2.00	7.56	0.73
29/10/2023 00:00	14.4	310359.6	38.39	2.10	8.11	0.74
29/10/2023 01:00	14.3	310095.1	38.61	1.99	8.24	0.72
29/10/2023 02:00	14.3	309440.9	38.78	2.05	8.21	0.68
29/10/2023 03:00	14.3	308067.0	38.38	2.13	9.46	0.74
29/10/2023 04:00	14.3	307250.7	38.14	2.02	8.61	0.72
29/10/2023 05:00	14.3	301647.2	38.31	2.00	11.08	0.74
29/10/2023 06:00	14.3	297454.5	38.60	2.04	15.56	0.65
29/10/2023 07:00	14.3	297573.9	40.01	1.99	9.48	0.51
29/10/2023 08:00	14.4	296558.4	41.13	1.97	9.76	0.47
29/10/2023 09:00	14.4	295949.7	41.08	1.89	9.00	0.47
29/10/2023 10:00	14.4	293844.8	41.06	1.83	7.12	0.47
29/10/2023 11:00	14.4	293583.2	41.30	1.59	6.76	0.45
29/10/2023 12:00	14.4	298933.6	41.00	1.51	6.62	0.49
29/10/2023 13:00	14.3	301442.3	40.68	1.48	6.76	0.53
29/10/2023 14:00	14.4	300631.6	40.47	1.40	7.10	0.49
29/10/2023 15:00	14.4	301436.7	40.51	1.51	6.75	0.51
29/10/2023 16:00	14.4	301069.7	40.91	1.58	6.84	0.45
29/10/2023 17:00	14.4	291759.3	41.23	1.52	7.13	0.45
29/10/2023 18:00	14.5	309717.3	40.57	1.58	7.38	0.43
29/10/2023 19:00	14.5	335220.1	40.88	1.62	7.44	0.52
29/10/2023 20:00	14.5	337720.4	41.33	1.63	7.91	0.59
29/10/2023 21:00	14.5	336263.9	41.74	1.65	8.14	0.52
29/10/2023 22:00	14.5	313193.7	41.59	1.73	8.05	0.56
29/10/2023 23:00	14.4	305049.1	39.42	1.67	7.86	0.75
30/10/2023 00:00	14.4	303971.1	39.05	1.73	7.30	0.64
30/10/2023 01:00	14.4	302766.5	39.55	1.81	7.60	0.49
30/10/2023 02:00	14.4	302728.0	40.24	1.95	8.34	0.45
30/10/2023 03:00	14.3	301456.6	40.26	1.88	8.44	0.47
30/10/2023 04:00	14.3	300563.4	40.41	1.90	8.75	0.44
30/10/2023 05:00	14.3	299149.7	40.64	2.07	9.42	0.49
30/10/2023 06:00	14.3	303089.3	40.49	1.99	10.43	0.44
30/10/2023 07:00	14.4	319507.4	40.21	1.86	10.44	0.32
30/10/2023 08:00	14.5	334813.4	42.15	1.94	8.91	0.28
30/10/2023 09:00	14.5	309642.9	45.03	1.84	8.06	0.28
30/10/2023 10:00	14.5	347567.8	45.23	1.59	7.89	0.24
30/10/2023 11:00	14.5	347092.9	45.34	1.54	7.60	0.24
30/10/2023 12:00	14.5	345033.5	46.55	1.64	10.15	0.17
30/10/2023 13:00	14.4	347149.7	46.20	1.61	15.34	0.15
30/10/2023 14:00	14.4	349061.1	44.70	1.87	15.57	0.24
30/10/2023 15:00	14.4	347775.5	42.94	2.01	15.40	0.24
30/10/2023 16:00	14.4	347923.4	42.82	1.95	10.96	0.26
30/10/2023 17:00	14.5	346384.5	43.47	1.85	10.26	0.28
30/10/2023 18:00	14.4	342026.9	42.47	2.00	11.00	0.28
30/10/2023 19:00	14.5	341620.1	42.13	1.96	11.83	0.30
30/10/2023 20:00	14.5	344362.1	42.11	1.88	12.65	0.30
30/10/2023 21:00	14.5	344032.2	42.61	1.99	11.50	0.28
30/10/2023 22:00	14.5	342851.8	44.06	2.06	11.28	0.20
30/10/2023 23:00	14.5	323665.6	43.82	1.97	11.31	0.19
31/10/2023 00:00	14.5	329798.6	43.40	1.98	10.75	0.17
31/10/2023 01:00	14.4	328504.4	43.48	2.15	10.70	0.19
31/10/2023 02:00	14.4	328638.0	43.42	2.08	11.15	0.17
31/10/2023 03:00	14.4	325386.8	43.16	2.08	10.98	0.19
31/10/2023 04:00	14.4	324596.1	43.33	2.15	11.09	0.17
31/10/2023 05:00	14.4	320261.2	42.90	2.18	11.33	0.19

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/10/2023 06:00	14.4	319686.6	42.71	2.03	11.50	0.19
31/10/2023 07:00	14.5	329047.6	43.51	2.09	11.50	0.17
31/10/2023 08:00	14.5	335333.9	44.69	2.15	10.86	0.15
31/10/2023 09:00	14.5	307108.7	47.00	2.01	9.58	0.13
31/10/2023 10:00	14.6	346808.4	48.10	1.84	8.44	0.13
31/10/2023 11:00	14.5	345673.5	48.41	1.84	7.80	0.13
31/10/2023 12:00	14.5	342200.3	47.47	1.55	7.80	0.15
31/10/2023 13:00	14.5	347280.6	48.07	1.37	7.85	0.17
31/10/2023 14:00	14.5	348882.0	48.88	1.49	7.72	0.24
31/10/2023 15:00	14.5	349001.4	50.41	1.23	7.61	0.22
31/10/2023 16:00	14.5	349658.5	49.88	1.17	7.70	0.20
31/10/2023 17:00	14.5	348873.4	48.69	1.46	7.80	0.22
31/10/2023 18:00	14.5	343585.6	46.95	1.42	8.02	0.22
31/10/2023 19:00	14.5	344299.6	46.61	1.53	8.14	0.22
31/10/2023 20:00	14.5	346356.2	46.73	1.64	8.46	0.20
31/10/2023 21:00	14.5	346452.8	46.40	1.79	8.76	0.20
31/10/2023 22:00	14.5	344803.0	45.45	1.70	9.10	0.22
31/10/2023 23:00	14.5	324362.6	44.39	1.74	9.08	0.22
Minimum	14.30	261,762.60	36.87	1.06	5.86	0.13
Maximum	15.13	355,614.80	53.42	2.41	21.45	1.98
Avg	14.61	330,739.79	43.00	1.80	7.93	0.64
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/10/2023 00:00	14.6	374920.0	35.50	1.10	21.88	1.07
01/10/2023 01:00	14.6	374117.9	36.14	1.31	22.02	1.14
01/10/2023 02:00	14.5	378560.9	37.02	1.44	22.60	1.20
01/10/2023 03:00	14.5	366870.2	36.08	1.42	21.22	1.24
01/10/2023 04:00	14.5	360345.2	34.92	1.39	19.96	1.24
01/10/2023 05:00	14.5	354752.9	34.71	1.41	18.61	1.26
01/10/2023 06:00	14.5	369043.4	35.52	1.44	18.11	1.27
01/10/2023 07:00	14.6	371867.9	35.75	1.47	18.89	1.38
01/10/2023 08:00	14.6	377770.1	36.65	1.57	18.03	1.26
01/10/2023 09:00	14.6	376945.3	38.05	1.57	17.04	1.13
01/10/2023 10:00	14.6	374994.0	38.64	1.57	15.78	1.11
01/10/2023 11:00	14.6	372655.8	39.10	1.55	15.23	1.15
01/10/2023 12:00	14.7	371657.4	39.10	1.53	15.61	1.11
01/10/2023 13:00	14.6	372704.2	39.02	1.46	16.89	1.08
01/10/2023 14:00	14.6	371264.9	38.76	1.44	17.22	1.13
01/10/2023 15:00	14.6	370923.6	38.78	1.42	16.87	1.15
01/10/2023 16:00	14.6	370949.2	38.80	1.39	17.20	1.22
01/10/2023 17:00	14.6	312869.7	36.44	1.32	13.20	2.66
01/10/2023 18:00	14.6	330195.2	36.35	1.29	16.25	1.10
01/10/2023 19:00	14.6	354329.1	34.78	1.27	18.45	1.27
01/10/2023 20:00	14.6	356604.6	34.06	1.27	17.82	2.17
01/10/2023 21:00	14.5	356758.2	33.88	1.25	17.46	1.70
01/10/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/10/2023 09:00	14.8	292789.2	38.12	1.78	14.26	1.44
02/10/2023 10:00	14.6	368551.2	36.97	1.57	18.34	1.17
02/10/2023 11:00	14.7	364273.3	36.90	1.58	17.24	2.38
02/10/2023 12:00	14.7	361590.9	36.84	1.56	17.27	1.92
02/10/2023 13:00	14.7	366355.4	36.76	1.50	17.97	1.54
02/10/2023 14:00	14.7	368724.8	37.28	1.43	17.99	1.43
02/10/2023 15:00	14.7	368986.5	37.34	1.50	18.37	1.63
02/10/2023 16:00	14.7	368372.1	37.14	1.39	18.32	1.81
02/10/2023 17:00	14.7	360990.7	36.90	1.42	17.90	2.16
02/10/2023 18:00	14.6	356883.4	36.46	1.40	18.56	1.15
02/10/2023 19:00	14.6	358766.4	36.22	1.40	18.94	1.18
02/10/2023 20:00	14.6	361249.7	35.66	1.28	19.65	1.24
02/10/2023 21:00	14.6	362779.9	35.73	1.37	20.07	1.44
02/10/2023 22:00	14.6	363254.9	35.63	1.32	19.42	1.61
02/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/10/2023 09:00	14.8	302871.8	38.47	1.73	13.01	1.77
03/10/2023 10:00	14.7	371023.2	37.67	1.69	17.20	1.36
03/10/2023 11:00	14.7	368770.3	37.41	1.59	17.07	1.36
03/10/2023 12:00	14.7	367740.7	36.93	1.57	17.26	1.52
03/10/2023 13:00	14.6	369657.8	37.09	1.51	17.80	1.57
03/10/2023 14:00	14.6	370411.5	35.48	1.43	17.96	1.24
03/10/2023 15:00	14.6	368929.7	34.09	1.40	19.49	1.07
03/10/2023 16:00	14.5	367954.0	33.93	1.22	22.52	1.13
03/10/2023 17:00	14.5	360325.2	35.97	1.53	21.77	1.22

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/10/2023 18:00	14.5	356647.3	35.11	1.40	22.15	1.18
03/10/2023 19:00	14.5	357637.2	34.25	1.15	21.94	1.24
03/10/2023 20:00	14.5	359497.4	35.06	1.26	20.92	1.24
03/10/2023 21:00	14.5	359258.5	35.75	1.26	20.44	1.15
03/10/2023 22:00	14.5	361346.3	35.48	1.35	20.47	1.35
03/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/10/2023 09:00	14.7	305504.3	36.98	1.84	16.57	1.32
04/10/2023 10:00	14.6	371845.1	36.28	1.76	20.68	1.21
04/10/2023 11:00	14.6	367385.0	35.71	1.65	19.65	1.27
04/10/2023 12:00	14.6	364054.2	36.12	1.72	18.33	1.32
04/10/2023 13:00	14.6	367902.8	36.70	1.78	18.01	1.44
04/10/2023 14:00	14.7	369390.5	36.64	1.74	18.62	1.25
04/10/2023 15:00	14.7	370775.6	36.90	1.69	18.99	1.27
04/10/2023 16:00	14.5	365598.8	35.58	1.42	22.25	1.11
04/10/2023 17:00	14.5	359838.8	36.18	1.57	22.02	1.22
04/10/2023 18:00	14.5	355680.2	33.80	1.39	22.17	1.07
04/10/2023 19:00	14.5	356001.5	34.41	1.50	23.60	1.78
04/10/2023 20:00	14.5	358089.4	34.39	1.48	20.49	1.41
04/10/2023 21:00	14.5	359195.9	34.50	1.50	20.36	1.09
04/10/2023 22:00	14.5	362253.7	33.99	1.44	20.65	1.33
04/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
05/10/2023 09:00	14.7	304050.6	37.04	1.92	16.05	1.03
05/10/2023 10:00	14.6	368258.3	36.57	1.79	19.73	1.10
05/10/2023 11:00	14.6	367675.2	36.59	1.75	19.03	1.33
05/10/2023 12:00	14.6	364392.8	35.73	1.70	20.35	1.52
05/10/2023 13:00	14.5	364628.8	34.95	1.59	23.09	1.37
05/10/2023 14:00	14.6	362896.5	35.86	1.77	19.64	1.84
05/10/2023 15:00	14.6	366355.4	35.99	1.82	18.83	1.84
05/10/2023 16:00	14.6	365032.7	36.24	1.80	18.78	1.58
05/10/2023 17:00	14.6	358999.6	35.76	1.72	18.47	1.46
05/10/2023 18:00	14.6	354368.9	34.73	1.67	18.39	1.65
05/10/2023 19:00	14.6	354772.9	34.40	1.54	18.80	1.30
05/10/2023 20:00	14.5	354013.3	35.13	1.59	22.93	1.09
05/10/2023 21:00	14.5	355791.1	34.90	1.66	23.94	1.20
05/10/2023 22:00	14.5	359639.6	34.98	1.61	21.56	1.27
05/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/10/2023 09:00	14.7	301780.6	50.59	1.93	19.65	1.17
06/10/2023 10:00	14.6	362410.2	35.74	1.82	22.47	1.07
06/10/2023 11:00	14.6	360222.8	36.13	1.84	19.83	1.15

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/10/2023 12:00	14.7	359634.0	36.22	1.88	17.77	1.32
06/10/2023 13:00	14.7	362882.4	36.38	1.89	17.66	1.25
06/10/2023 14:00	14.7	363374.4	36.23	1.78	18.21	1.13
06/10/2023 15:00	14.6	362905.1	35.99	1.70	20.41	1.04
06/10/2023 16:00	14.6	363735.6	37.13	1.64	19.07	1.20
06/10/2023 17:00	14.6	359659.5	36.02	1.61	18.28	1.48
06/10/2023 18:00	14.6	355734.3	35.21	1.58	19.27	1.25
06/10/2023 19:00	14.6	353839.9	35.22	1.62	19.68	1.20
06/10/2023 20:00	14.6	356141.0	34.96	1.64	21.56	1.31
06/10/2023 21:00	14.5	355896.3	34.51	1.55	23.17	1.25
06/10/2023 22:00	14.5	358755.0	34.82	1.62	23.23	1.33
06/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/10/2023 09:00	14.8	296818.4	58.41	2.03	15.20	1.65
07/10/2023 10:00	14.6	364574.7	37.77	1.84	18.01	1.22
07/10/2023 11:00	14.7	364697.1	38.63	1.85	17.78	1.20
07/10/2023 12:00	14.7	362202.5	38.31	1.76	17.78	1.16
07/10/2023 13:00	14.7	364634.6	39.49	1.81	18.35	1.16
07/10/2023 14:00	14.7	363482.5	39.73	1.82	18.88	1.23
07/10/2023 15:00	14.7	365595.9	38.87	1.77	18.44	1.28
07/10/2023 16:00	14.7	365926.0	37.33	1.65	19.45	1.11
07/10/2023 17:00	14.6	365263.1	37.31	1.62	21.15	1.15
07/10/2023 18:00	14.6	361872.5	36.41	1.52	21.43	1.21
07/10/2023 19:00	14.6	358390.9	36.46	1.56	21.24	1.16
07/10/2023 20:00	14.5	353885.3	35.77	1.41	23.17	1.17
07/10/2023 21:00	14.5	354132.8	35.55	1.52	23.12	1.13
07/10/2023 22:00	14.5	357790.8	35.56	1.56	23.25	1.04
07/10/2023 23:00	14.5	337077.6	34.90	1.62	21.13	1.06
08/10/2023 00:00	14.5	343579.9	34.47	1.66	21.78	1.10
08/10/2023 01:00	14.5	344109.0	34.26	1.73	22.98	1.15
08/10/2023 02:00	14.5	344029.4	33.99	1.73	24.09	1.19
08/10/2023 03:00	14.5	342152.0	34.08	1.79	22.75	1.25
08/10/2023 04:00	14.5	341000.0	33.88	1.81	23.77	1.31
08/10/2023 05:00	14.4	338297.8	33.57	1.79	23.88	1.33
08/10/2023 06:00	14.4	332367.2	33.26	1.80	23.33	1.33
08/10/2023 07:00	14.4	330310.6	32.73	1.76	21.73	1.35
08/10/2023 08:00	14.4	330105.8	32.79	1.72	19.95	1.31
08/10/2023 09:00	14.5	331263.5	33.22	1.78	18.52	1.37
08/10/2023 10:00	14.6	335106.3	34.56	1.77	17.10	1.40
08/10/2023 11:00	14.5	332060.0	34.60	1.74	16.21	1.37
08/10/2023 12:00	14.5	329588.1	34.58	1.70	15.58	1.24
08/10/2023 13:00	14.5	331300.5	35.06	1.73	15.87	1.20
08/10/2023 14:00	14.6	330893.7	35.07	1.69	16.07	1.20
08/10/2023 15:00	14.6	333476.5	35.02	1.60	16.31	1.25
08/10/2023 16:00	14.5	332921.9	34.21	1.56	18.75	1.78
08/10/2023 17:00	14.4	312837.0	33.59	1.53	17.41	1.55
08/10/2023 18:00	14.5	326688.9	35.78	1.57	17.53	1.98
08/10/2023 19:00	14.5	350218.9	34.03	1.48	19.39	1.37
08/10/2023 20:00	14.5	351945.4	34.50	1.47	21.45	1.11
08/10/2023 21:00	14.5	352739.0	34.47	1.50	22.09	1.02
08/10/2023 22:00	14.5	334828.9	34.80	1.60	20.47	1.11
08/10/2023 23:00	14.5	336178.7	33.62	1.59	20.37	1.14
09/10/2023 00:00	14.5	335589.9	34.12	1.68	20.42	1.19
09/10/2023 01:00	14.5	335922.4	34.15	1.71	19.92	1.21
09/10/2023 02:00	14.5	334685.3	34.21	1.73	19.64	1.23
09/10/2023 03:00	14.5	334161.9	34.31	1.79	19.46	1.21
09/10/2023 04:00	14.5	333357.0	34.32	1.75	19.46	1.19
09/10/2023 05:00	14.5	332105.3	34.05	1.75	19.63	1.23

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/10/2023 06:00	14.5	333840.5	33.38	1.75	21.40	1.40
09/10/2023 07:00	14.5	346890.9	33.86	1.78	23.62	1.41
09/10/2023 08:00	14.5	359824.5	35.22	1.88	23.37	1.37
09/10/2023 09:00	14.6	331465.2	38.42	1.89	19.60	1.30
09/10/2023 10:00	14.6	369046.2	38.06	1.89	19.54	1.51
09/10/2023 11:00	14.7	365681.3	38.25	1.93	17.32	1.40
09/10/2023 12:00	14.7	363232.2	38.17	1.90	17.40	1.41
09/10/2023 13:00	14.7	367689.4	38.94	1.86	18.14	1.35
09/10/2023 14:00	14.7	369103.2	38.93	1.82	18.42	1.35
09/10/2023 15:00	14.7	370656.2	38.66	1.78	18.59	1.55
09/10/2023 16:00	14.7	370329.1	38.05	1.73	19.15	2.09
09/10/2023 17:00	14.7	362927.9	37.79	1.65	18.93	1.25
09/10/2023 18:00	14.6	358388.1	36.87	1.57	19.17	1.15
09/10/2023 19:00	14.6	359688.1	36.71	1.59	19.75	1.24
09/10/2023 20:00	14.6	361810.0	36.31	1.61	20.65	1.41
09/10/2023 21:00	14.6	361349.2	35.24	1.42	21.41	1.51
09/10/2023 22:00	14.5	363758.5	34.55	1.38	21.75	1.49
09/10/2023 23:00	14.5	346871.0	33.87	1.48	19.38	2.20
10/10/2023 00:00	14.5	353572.5	33.16	1.45	19.28	1.91
10/10/2023 01:00	14.5	353509.9	33.02	1.45	19.90	1.60
10/10/2023 02:00	14.5	351416.5	33.93	1.62	23.25	1.08
10/10/2023 03:00	14.5	347636.1	34.33	1.77	23.47	1.10
10/10/2023 04:00	14.4	345588.1	34.36	1.85	23.43	1.10
10/10/2023 05:00	14.4	341429.5	34.26	1.87	23.24	1.10
10/10/2023 06:00	14.5	341679.8	33.90	1.77	20.56	1.16
10/10/2023 07:00	14.5	352224.2	34.13	1.84	20.49	1.21
10/10/2023 08:00	14.5	361545.4	34.63	1.81	20.25	1.37
10/10/2023 09:00	14.6	335906.9	37.21	1.93	17.69	1.12
10/10/2023 10:00	14.6	369634.9	35.22	1.84	21.43	1.16
10/10/2023 11:00	14.6	370087.3	35.67	1.89	20.78	1.28
10/10/2023 12:00	14.6	364452.4	35.73	1.88	19.58	1.26
10/10/2023 13:00	14.7	370431.5	36.52	1.94	20.15	1.14
10/10/2023 14:00	14.7	373395.4	36.72	1.94	21.03	1.12
10/10/2023 15:00	14.6	372635.9	36.35	1.87	21.29	1.11
10/10/2023 16:00	14.6	370033.3	35.96	1.76	21.66	1.08
10/10/2023 17:00	14.5	360655.1	34.99	1.66	23.03	1.11
10/10/2023 18:00	14.5	357944.3	35.04	1.70	23.49	1.13
10/10/2023 19:00	14.5	357970.0	34.92	1.63	23.36	1.13
10/10/2023 20:00	14.5	360228.5	35.25	1.70	23.20	1.20
10/10/2023 21:00	14.5	360922.5	35.13	1.70	21.23	1.31
10/10/2023 22:00	14.5	363104.2	35.89	1.88	21.37	1.33
10/10/2023 23:00	14.5	345514.2	33.76	1.61	20.43	1.48
11/10/2023 00:00	14.5	351971.1	33.92	1.67	20.48	1.24
11/10/2023 01:00	14.5	353512.7	33.77	1.72	21.33	1.28
11/10/2023 02:00	14.5	353271.0	33.55	1.76	25.46	1.34
11/10/2023 03:00	14.5	351262.7	33.28	1.73	23.32	1.32
11/10/2023 04:00	14.5	348645.9	33.51	1.75	22.59	1.28
11/10/2023 05:00	14.5	344163.1	33.96	1.77	22.18	1.25
11/10/2023 06:00	14.5	342945.6	34.05	1.77	22.33	1.23
11/10/2023 07:00	14.5	354209.7	34.00	1.74	23.71	1.31
11/10/2023 08:00	14.6	363633.2	34.78	1.77	23.14	1.36
11/10/2023 09:00	14.6	330111.5	36.97	1.83	17.95	1.32
11/10/2023 10:00	14.7	369595.2	36.27	1.93	20.06	1.33
11/10/2023 11:00	14.7	371188.1	36.25	1.91	19.30	1.56
11/10/2023 12:00	14.6	371028.8	35.88	1.84	19.61	1.44
11/10/2023 13:00	14.6	371523.7	35.84	1.81	19.25	1.46
11/10/2023 14:00	14.7	372075.6	36.60	1.85	19.58	1.40
11/10/2023 15:00	14.7	371802.6	38.14	1.88	20.29	1.10
11/10/2023 16:00	14.7	372286.0	37.61	1.84	21.02	1.10
11/10/2023 17:00	14.7	366025.5	37.05	1.73	20.82	1.11
11/10/2023 18:00	14.6	358658.4	36.28	1.56	22.06	1.05
11/10/2023 19:00	14.5	358481.9	35.37	1.46	22.89	1.09
11/10/2023 20:00	14.6	362788.4	35.33	1.38	22.85	1.16
11/10/2023 21:00	14.6	362390.3	35.51	1.49	22.52	1.18
11/10/2023 22:00	14.6	363966.0	35.77	1.62	22.87	1.29
11/10/2023 23:00	14.5	346441.4	34.06	1.61	21.37	1.30

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/10/2023 00:00	14.5	354590.8	33.61	1.48	22.21	1.26
12/10/2023 01:00	14.5	354718.8	33.71	1.69	22.37	1.76
12/10/2023 02:00	14.5	354531.0	33.03	1.69	21.26	2.24
12/10/2023 03:00	14.5	353205.6	32.53	1.48	22.39	1.37
12/10/2023 04:00	14.5	351319.7	33.18	1.65	22.18	1.43
12/10/2023 05:00	14.5	345044.8	33.29	1.69	22.01	1.43
12/10/2023 06:00	14.5	344137.4	33.51	1.62	22.55	1.32
12/10/2023 07:00	14.5	353802.9	33.38	1.52	23.96	1.28
12/10/2023 08:00	14.5	362256.5	34.25	1.61	24.64	1.20
12/10/2023 09:00	14.5	331513.8	36.59	1.81	19.54	1.22
12/10/2023 10:00	14.6	369967.9	36.39	1.90	21.23	1.48
12/10/2023 11:00	14.7	370078.8	37.01	1.96	18.76	1.38
12/10/2023 12:00	14.7	367427.8	37.37	1.92	19.61	1.18
12/10/2023 13:00	14.7	372038.6	37.81	1.92	19.80	1.30
12/10/2023 14:00	14.6	373861.9	36.65	1.80	20.26	1.17
12/10/2023 15:00	14.7	373901.7	37.82	1.85	20.43	1.20
12/10/2023 16:00	14.6	373324.3	36.95	1.71	21.05	1.20
12/10/2023 17:00	14.6	369555.4	37.42	1.71	21.81	1.29
12/10/2023 18:00	14.6	364936.0	36.85	1.74	20.70	1.24
12/10/2023 19:00	14.6	364677.2	36.23	1.70	20.32	1.32
12/10/2023 20:00	14.6	367188.9	36.41	1.68	20.32	1.33
12/10/2023 21:00	14.6	365920.2	36.35	1.70	20.53	1.35
12/10/2023 22:00	14.6	364651.5	35.19	1.63	20.10	1.98
12/10/2023 23:00	14.5	345141.6	33.01	1.63	18.21	1.70
13/10/2023 00:00	14.5	351837.3	32.93	1.63	18.83	1.91
13/10/2023 01:00	14.5	349880.3	32.90	1.76	18.50	3.12
13/10/2023 02:00	14.5	344933.9	32.46	1.71	18.09	2.33
13/10/2023 03:00	14.4	339785.4	31.47	1.57	17.92	2.13
13/10/2023 04:00	14.4	333857.6	31.55	1.69	18.02	1.89
13/10/2023 05:00	14.4	324451.1	31.47	1.73	17.72	1.62
13/10/2023 06:00	14.4	315715.8	31.39	1.77	18.81	1.54
13/10/2023 07:00	14.4	310325.5	31.00	1.79	17.10	1.49
13/10/2023 08:00	14.4	312396.3	31.60	1.76	15.70	1.33
13/10/2023 09:00	14.5	311420.6	32.51	1.82	14.70	1.21
13/10/2023 10:00	14.5	308041.4	33.35	1.84	13.77	1.19
13/10/2023 11:00	14.5	304750.4	33.17	1.86	13.40	1.19
13/10/2023 12:00	14.5	303826.0	32.82	1.80	14.01	1.21
13/10/2023 13:00	14.5	305128.8	33.15	1.81	14.51	1.22
13/10/2023 14:00	14.5	308064.2	33.26	1.79	14.60	1.27
13/10/2023 15:00	14.5	309119.4	33.39	1.77	14.51	1.27
13/10/2023 16:00	14.5	308493.7	33.57	1.73	14.51	1.22
13/10/2023 17:00	14.6	290951.8	35.74	1.65	13.19	1.10
13/10/2023 18:00	14.6	326772.9	38.18	1.64	16.84	1.08
13/10/2023 19:00	14.6	345286.6	35.35	1.54	18.77	1.23
13/10/2023 20:00	14.5	346586.5	33.97	1.53	19.78	1.35
13/10/2023 21:00	14.5	345889.6	33.87	1.54	20.25	1.37
13/10/2023 22:00	14.5	317589.9	34.99	1.50	17.46	1.28
13/10/2023 23:00	14.4	299240.7	31.18	1.61	15.29	1.29
14/10/2023 00:00	14.4	297465.9	30.84	1.67	15.36	1.26
14/10/2023 01:00	14.4	296689.2	30.43	1.65	15.70	1.22
14/10/2023 02:00	14.4	295579.9	29.77	1.69	15.78	1.24
14/10/2023 03:00	14.4	294590.1	29.77	1.78	15.91	1.26
14/10/2023 04:00	14.4	293762.3	29.30	1.84	16.19	1.29
14/10/2023 05:00	14.4	291304.7	28.59	1.85	16.05	1.25
14/10/2023 06:00	14.4	293654.3	29.32	1.82	15.85	1.24
14/10/2023 07:00	14.4	297727.5	30.52	1.82	14.84	1.24
14/10/2023 08:00	14.4	298993.2	31.47	1.89	14.07	1.27
14/10/2023 09:00	14.6	303329.8	40.02	1.90	14.63	1.06
14/10/2023 10:00	14.8	273609.9	49.21	2.06	12.85	6.78
14/10/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/10/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/10/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/10/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/10/2023 15:00	14.7	243948.2	35.73	3.97	15.62	1.09
14/10/2023 16:00	14.7	344256.9	35.51	1.85	18.15	1.09
14/10/2023 17:00	14.6	340806.6	36.79	1.78	18.23	1.09

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/10/2023 18:00	14.6	338013.4	35.45	1.67	17.57	1.17
14/10/2023 19:00	14.6	337160.0	34.93	1.67	17.80	1.23
14/10/2023 20:00	14.5	337518.4	34.49	1.62	18.25	1.29
14/10/2023 21:00	14.5	335843.0	34.07	1.59	18.26	1.33
14/10/2023 22:00	14.5	334796.2	33.53	1.63	17.79	1.54
14/10/2023 23:00	14.5	301964.0	33.03	1.56	16.04	1.43
15/10/2023 00:00	14.4	295480.4	29.61	1.62	15.67	1.43
15/10/2023 01:00	14.4	295366.6	29.55	1.71	18.40	1.47
15/10/2023 02:00	14.4	294518.9	28.95	1.68	16.63	1.51
15/10/2023 03:00	14.4	294046.8	28.27	1.70	16.79	2.06
15/10/2023 04:00	14.4	293728.2	28.08	1.85	17.16	2.34
15/10/2023 05:00	14.4	291341.7	27.82	1.79	17.38	1.62
15/10/2023 06:00	14.4	290935.0	27.63	1.77	17.19	1.75
15/10/2023 07:00	14.4	290221.0	27.89	1.86	15.67	1.56
15/10/2023 08:00	14.5	289040.6	29.16	1.88	13.86	1.23
15/10/2023 09:00	14.5	289757.4	29.53	1.89	13.47	1.17
15/10/2023 10:00	14.5	289637.9	29.91	1.85	12.94	1.22
15/10/2023 11:00	14.5	289379.0	30.55	1.90	12.70	1.13
15/10/2023 12:00	14.5	290775.6	31.12	1.85	13.11	1.18
15/10/2023 13:00	14.6	290838.2	31.26	1.82	13.57	1.16
15/10/2023 14:00	14.6	292101.2	32.05	1.86	13.37	1.21
15/10/2023 15:00	14.5	292598.9	30.65	1.74	13.57	1.68
15/10/2023 16:00	14.5	292371.4	31.00	1.70	13.88	1.22
15/10/2023 17:00	14.6	279951.8	36.49	1.72	13.33	1.17
15/10/2023 18:00	14.6	314799.0	36.43	1.60	16.82	1.12
15/10/2023 19:00	14.6	336224.3	34.54	1.64	18.63	1.38
15/10/2023 20:00	14.5	338047.5	33.78	1.53	18.70	1.33
15/10/2023 21:00	14.5	340038.6	33.91	1.53	18.85	1.35
15/10/2023 22:00	14.5	315024.2	35.36	1.72	16.95	1.39
15/10/2023 23:00	14.4	297158.6	30.64	1.67	15.10	1.56
16/10/2023 00:00	14.4	296234.2	30.60	1.67	15.42	1.63
16/10/2023 01:00	14.4	295795.3	30.69	1.71	15.76	1.58
16/10/2023 02:00	14.4	295287.0	29.76	1.67	16.12	1.60
16/10/2023 03:00	14.4	294612.8	29.71	1.76	16.21	1.52
16/10/2023 04:00	14.4	293446.6	29.11	1.73	14.80	2.66
16/10/2023 05:00	14.4	292496.6	29.68	1.80	14.37	1.73
16/10/2023 06:00	14.4	293995.6	29.49	1.77	15.25	2.12
16/10/2023 07:00	14.4	304844.3	30.32	1.75	15.10	1.64
16/10/2023 08:00	14.5	323168.2	31.57	1.72	16.74	1.83
16/10/2023 09:00	14.6	328310.9	37.79	1.94	16.72	1.54
16/10/2023 10:00	14.6	365089.7	37.68	2.00	19.32	1.27
16/10/2023 11:00	14.7	364421.2	37.99	1.96	19.53	1.22
16/10/2023 12:00	14.7	363001.8	38.17	1.99	19.49	1.39
16/10/2023 13:00	14.7	367345.3	39.05	1.98	19.86	1.19
16/10/2023 14:00	14.7	369142.9	39.25	1.98	20.40	1.19
16/10/2023 15:00	14.7	368520.0	39.10	1.91	20.63	1.19
16/10/2023 16:00	14.7	370129.9	39.13	1.88	21.04	1.19
16/10/2023 17:00	14.7	367726.4	38.89	1.85	21.06	1.18
16/10/2023 18:00	14.6	362424.4	38.30	1.80	21.07	1.18
16/10/2023 19:00	14.6	363704.4	38.44	1.80	21.43	1.22
16/10/2023 20:00	14.6	365089.7	38.56	1.93	21.60	1.31
16/10/2023 21:00	14.6	364694.2	37.99	1.79	21.92	1.24
16/10/2023 22:00	14.6	362802.7	37.51	1.81	22.22	1.26
16/10/2023 23:00	14.5	329944.9	36.78	1.84	19.15	1.33
17/10/2023 00:00	14.5	326308.4	34.30	1.71	19.23	1.34
17/10/2023 01:00	14.5	326988.3	33.94	1.75	19.41	1.43
17/10/2023 02:00	14.5	327008.2	33.59	1.79	19.76	1.49
17/10/2023 03:00	14.5	323853.7	32.89	1.77	19.20	1.51
17/10/2023 04:00	14.5	322880.9	32.82	1.81	19.16	1.47
17/10/2023 05:00	14.5	320269.6	32.50	1.85	17.80	1.62
17/10/2023 06:00	14.5	325278.7	32.38	1.81	17.70	1.68
17/10/2023 07:00	14.5	344254.1	34.11	1.81	19.03	1.48
17/10/2023 08:00	14.6	356468.1	35.68	1.88	19.31	1.37
17/10/2023 09:00	14.7	329853.9	39.14	1.98	15.86	2.02
17/10/2023 10:00	14.7	370363.3	38.20	2.03	19.77	1.34
17/10/2023 11:00	14.7	367524.5	38.06	2.10	18.64	1.47

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/10/2023 12:00	14.7	367732.1	39.14	2.05	18.89	1.42
17/10/2023 13:00	14.7	368579.7	39.74	2.10	20.40	1.24
17/10/2023 14:00	14.7	367561.5	39.35	2.06	20.17	1.25
17/10/2023 15:00	14.7	368924.0	40.51	2.02	20.16	1.26
17/10/2023 16:00	14.7	370203.9	41.03	1.93	20.54	1.24
17/10/2023 17:00	14.7	369663.5	39.26	1.84	21.32	1.23
17/10/2023 18:00	14.7	364188.0	38.60	1.78	21.22	1.29
17/10/2023 19:00	14.7	364532.2	37.98	1.80	21.05	1.56
17/10/2023 20:00	14.7	366787.7	36.78	1.71	21.35	1.53
17/10/2023 21:00	14.6	366565.9	36.53	1.73	22.05	1.58
17/10/2023 22:00	14.6	364509.4	36.21	1.77	22.22	1.68
17/10/2023 23:00	14.6	345936.4	35.75	1.73	19.26	1.84
18/10/2023 00:00	14.6	353600.9	34.39	1.66	19.24	1.77
18/10/2023 01:00	14.5	353103.1	34.60	1.68	19.17	1.75
18/10/2023 02:00	14.5	352938.1	34.15	1.72	19.09	1.90
18/10/2023 03:00	14.5	351279.8	33.77	1.70	18.98	1.74
18/10/2023 04:00	14.5	350526.1	32.78	1.63	19.25	2.15
18/10/2023 05:00	14.5	344288.2	33.06	1.93	18.81	2.90
18/10/2023 06:00	14.5	343799.0	31.94	1.47	19.16	1.65
18/10/2023 07:00	14.5	354724.5	33.58	1.85	20.29	1.66
18/10/2023 08:00	14.6	363101.4	34.73	2.00	20.01	1.65
18/10/2023 09:00	14.6	331387.0	37.66	2.01	16.49	2.54
18/10/2023 10:00	14.7	371287.6	37.47	2.05	18.50	2.40
18/10/2023 11:00	14.7	369140.1	37.95	2.07	18.92	1.58
18/10/2023 12:00	14.7	365718.2	38.13	2.11	19.27	1.57
18/10/2023 13:00	14.7	367351.0	36.80	1.98	19.31	1.51
18/10/2023 14:00	14.6	366810.5	35.21	1.93	19.79	1.33
18/10/2023 15:00	14.6	364603.2	35.24	1.88	19.34	1.20
18/10/2023 16:00	14.6	366159.1	36.19	1.87	19.70	1.22
18/10/2023 17:00	14.7	367598.4	39.76	1.92	20.13	1.24
18/10/2023 18:00	14.7	360413.4	37.44	1.85	20.15	1.72
18/10/2023 19:00	14.6	361818.5	36.40	1.86	20.04	1.79
18/10/2023 20:00	14.6	363081.5	36.49	1.81	20.54	1.72
18/10/2023 21:00	14.6	362569.5	35.83	1.72	20.78	1.63
18/10/2023 22:00	14.6	363528.1	35.68	1.73	21.01	1.56
18/10/2023 23:00	14.6	345521.2	36.18	1.84	19.64	1.44
19/10/2023 00:00	14.5	353225.4	34.36	1.77	21.81	1.53
19/10/2023 01:00	14.5	354684.6	33.80	1.75	23.28	1.51
19/10/2023 02:00	14.5	350730.8	35.26	1.94	23.94	1.44
19/10/2023 03:00	14.5	348136.7	34.61	1.85	24.89	1.28
19/10/2023 04:00	14.5	344612.4	35.68	1.95	23.96	1.24
19/10/2023 05:00	14.5	338482.6	35.56	2.03	25.23	1.28
19/10/2023 06:00	14.5	339720.0	34.60	2.01	23.61	1.25
19/10/2023 07:00	14.5	351006.8	34.59	2.04	23.58	1.67
19/10/2023 08:00	14.5	359625.4	34.42	1.99	22.38	1.40
19/10/2023 09:00	14.6	347587.6	36.59	2.20	20.86	1.41
19/10/2023 10:00	14.7	369413.1	36.59	2.19	21.82	1.36
19/10/2023 11:00	14.7	367487.5	36.67	2.16	20.48	1.39
19/10/2023 12:00	14.7	364688.6	36.92	2.16	18.71	1.71
19/10/2023 13:00	14.7	368363.5	36.94	2.08	18.68	1.61
19/10/2023 14:00	14.7	369239.7	37.07	2.00	19.05	1.56
19/10/2023 15:00	14.6	370317.7	34.93	1.90	20.47	1.28
19/10/2023 16:00	14.6	368312.3	35.59	1.87	20.81	1.38
19/10/2023 17:00	14.7	365354.2	37.04	1.92	20.84	1.43
19/10/2023 18:00	14.6	357463.6	37.10	1.84	21.05	1.28
19/10/2023 19:00	14.6	358709.5	37.26	1.88	22.32	1.35
19/10/2023 20:00	14.6	361599.4	38.15	1.87	21.49	1.49
19/10/2023 21:00	14.6	361235.4	37.25	1.86	20.58	1.39
19/10/2023 22:00	14.6	363243.6	36.68	1.90	21.72	1.46
19/10/2023 23:00	14.6	345836.8	36.49	1.91	20.65	1.56
20/10/2023 00:00	14.6	353447.3	34.51	1.91	21.16	1.60
20/10/2023 01:00	14.5	353595.2	34.29	1.90	19.52	1.75
20/10/2023 02:00	14.5	352164.5	33.99	1.86	19.30	2.47
20/10/2023 03:00	14.5	350437.8	33.30	1.79	19.01	2.36
20/10/2023 04:00	14.5	348233.5	33.62	1.83	19.54	1.76
20/10/2023 05:00	14.5	344515.8	34.24	1.96	19.75	1.53

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/10/2023 06:00	14.5	343363.7	34.25	1.95	19.93	1.53
20/10/2023 07:00	14.6	353563.9	34.05	2.06	21.49	1.60
20/10/2023 08:00	14.6	360114.7	34.63	2.11	20.80	1.43
20/10/2023 09:00	14.6	330142.7	36.12	2.02	16.71	1.32
20/10/2023 10:00	14.6	372249.1	37.60	2.11	20.13	1.33
20/10/2023 11:00	14.7	369410.4	38.11	2.16	19.57	1.32
20/10/2023 12:00	14.7	367911.3	39.56	2.14	20.09	1.26
20/10/2023 13:00	14.7	368084.9	40.47	2.09	20.60	1.30
20/10/2023 14:00	14.7	367379.4	40.76	2.07	19.78	1.37
20/10/2023 15:00	14.8	366548.9	40.64	2.08	19.02	1.36
20/10/2023 16:00	14.7	367473.2	39.88	2.00	18.96	1.55
20/10/2023 17:00	14.7	366841.8	36.81	1.90	19.44	1.63
20/10/2023 18:00	14.7	360549.8	38.78	1.87	19.57	1.36
20/10/2023 19:00	14.6	359551.5	38.31	1.84	21.35	1.42
20/10/2023 20:00	14.6	361929.4	37.61	1.84	21.09	1.38
20/10/2023 21:00	14.6	361645.0	37.24	1.79	22.16	1.24
20/10/2023 22:00	14.6	363374.4	37.32	1.88	22.70	1.30
20/10/2023 23:00	14.6	343056.6	35.51	1.89	21.01	1.38
21/10/2023 00:00	14.6	351820.3	35.54	1.87	21.93	1.39
21/10/2023 01:00	14.6	353811.5	35.65	1.85	21.69	1.50
21/10/2023 02:00	14.6	352633.8	35.20	1.96	21.81	1.45
21/10/2023 03:00	14.5	350617.1	33.96	1.92	22.12	1.44
21/10/2023 04:00	14.5	345260.9	34.23	1.79	22.92	1.22
21/10/2023 05:00	14.5	338570.9	34.78	1.97	24.96	1.21
21/10/2023 06:00	14.5	338257.9	34.85	1.97	23.83	1.21
21/10/2023 07:00	14.5	347209.4	35.21	1.92	23.25	1.49
21/10/2023 08:00	14.6	350966.9	35.19	2.02	20.56	2.41
21/10/2023 09:00	14.6	322329.0	39.13	2.07	17.62	1.45
21/10/2023 10:00	14.6	364808.0	36.30	2.03	20.62	1.43
21/10/2023 11:00	14.6	365146.4	36.29	2.10	19.68	1.61
21/10/2023 12:00	14.6	360757.5	35.81	2.12	19.81	1.79
21/10/2023 13:00	14.7	366170.5	36.18	2.14	20.15	1.40
21/10/2023 14:00	14.7	367791.8	37.24	2.14	20.68	1.27
21/10/2023 15:00	14.7	368201.5	36.81	2.10	20.40	1.88
21/10/2023 16:00	14.7	367265.6	36.03	2.05	19.84	1.67
21/10/2023 17:00	14.6	358382.4	36.23	1.84	21.12	1.14
21/10/2023 18:00	14.5	352457.4	35.66	1.86	20.89	1.28
21/10/2023 19:00	14.5	352551.3	35.13	1.80	21.53	1.26
21/10/2023 20:00	14.5	353700.6	35.65	1.83	20.34	1.35
21/10/2023 21:00	14.5	351939.7	35.16	1.82	18.00	1.24
21/10/2023 22:00	14.5	354525.3	35.07	1.91	17.95	1.81
21/10/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/10/2023 18:00	14.6	333866.1	39.42	2.00	15.54	1.15
22/10/2023 19:00	14.6	356917.5	38.33	2.00	17.47	1.20
22/10/2023 20:00	14.6	357782.2	38.69	1.86	18.53	1.17
22/10/2023 21:00	14.6	356818.0	38.30	1.83	19.09	1.22
22/10/2023 22:00	14.6	336929.7	36.51	1.86	17.16	1.31
22/10/2023 23:00	14.5	339128.4	35.90	1.81	17.15	1.40

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/10/2023 00:00	14.5	339313.3	34.83	1.83	17.66	1.46
23/10/2023 01:00	14.5	340671.1	33.66	1.78	17.31	1.93
23/10/2023 02:00	14.5	337916.7	33.75	1.91	16.52	1.60
23/10/2023 03:00	14.5	336161.6	33.32	1.86	16.69	1.58
23/10/2023 04:00	14.5	334190.4	33.81	1.93	16.29	1.58
23/10/2023 05:00	14.5	328683.6	33.55	1.99	15.22	1.53
23/10/2023 06:00	14.5	326297.1	33.36	1.98	16.83	1.55
23/10/2023 07:00	14.5	331872.2	34.59	2.04	15.90	1.45
23/10/2023 08:00	14.5	335117.7	35.15	2.14	14.29	1.99
23/10/2023 09:00	14.6	337117.4	35.91	2.13	13.51	1.67
23/10/2023 10:00	14.6	336383.5	36.03	2.13	13.24	1.65
23/10/2023 11:00	14.6	336289.7	36.63	2.16	12.93	1.74
23/10/2023 12:00	14.6	334944.2	36.94	2.17	13.57	1.75
23/10/2023 13:00	14.7	337333.6	37.76	2.18	15.15	1.47
23/10/2023 14:00	14.7	340169.5	38.15	2.21	15.62	1.30
23/10/2023 15:00	14.7	340434.0	37.84	2.13	15.22	1.53
23/10/2023 16:00	14.7	341870.4	37.40	2.08	14.91	1.63
23/10/2023 17:00	14.6	320736.2	36.20	1.92	13.33	1.88
23/10/2023 18:00	14.6	332295.8	38.24	1.98	14.77	2.31
23/10/2023 19:00	14.6	358052.5	36.29	1.94	16.22	1.41
23/10/2023 20:00	14.6	358880.2	35.46	1.87	16.86	1.60
23/10/2023 21:00	14.6	357878.9	35.65	2.00	17.58	1.58
23/10/2023 22:00	14.5	339680.0	35.60	1.97	15.63	1.64
23/10/2023 23:00	14.5	341842.0	32.51	1.67	16.50	1.54
24/10/2023 00:00	14.5	342615.7	33.35	1.91	18.15	1.71
24/10/2023 01:00	14.5	340877.7	34.09	1.95	18.35	1.58
24/10/2023 02:00	14.5	340772.5	34.96	1.96	18.12	1.41
24/10/2023 03:00	14.5	338292.1	34.84	2.00	18.81	1.41
24/10/2023 04:00	14.5	337606.6	35.16	2.13	17.98	1.41
24/10/2023 05:00	14.5	335177.4	34.17	1.99	18.32	1.36
24/10/2023 06:00	14.5	336107.6	34.15	1.97	18.43	1.34
24/10/2023 07:00	14.5	349123.8	35.06	2.05	18.51	1.31
24/10/2023 08:00	14.6	354496.9	36.29	2.22	18.34	1.25
24/10/2023 09:00	14.6	324913.2	39.46	2.10	14.43	1.11
24/10/2023 10:00	14.7	369791.5	38.61	2.22	17.10	1.14
24/10/2023 11:00	14.7	368047.9	38.46	2.26	17.27	1.16
24/10/2023 12:00	14.7	365487.8	38.94	2.20	17.89	1.12
24/10/2023 13:00	14.7	370078.8	39.65	2.19	18.43	1.15
24/10/2023 14:00	14.7	370118.7	39.85	2.19	18.27	1.17
24/10/2023 15:00	14.7	370926.4	38.48	2.04	18.02	1.14
24/10/2023 16:00	14.7	370943.5	39.63	2.07	17.34	1.20
24/10/2023 17:00	14.7	371179.5	39.53	2.06	17.73	1.28
24/10/2023 18:00	14.6	365274.6	36.14	1.93	17.88	1.62
24/10/2023 19:00	14.6	365812.1	35.21	1.78	17.75	1.74
24/10/2023 20:00	14.6	368158.8	35.27	1.98	17.59	1.87
24/10/2023 21:00	14.6	369071.8	34.74	1.89	17.72	2.02
24/10/2023 22:00	14.6	367490.3	34.59	1.95	17.99	1.82
24/10/2023 23:00	14.6	349573.1	35.87	2.00	17.76	1.45
25/10/2023 00:00	14.6	358322.7	35.54	2.04	19.40	1.40
25/10/2023 01:00	14.6	358149.2	35.72	2.17	20.07	1.38
25/10/2023 02:00	14.6	358678.2	35.65	2.06	20.19	1.32
25/10/2023 03:00	14.6	355128.4	35.50	2.06	19.73	1.25
25/10/2023 04:00	14.5	351234.4	35.43	2.12	19.87	1.33
25/10/2023 05:00	14.5	345303.7	35.13	2.05	19.01	1.31
25/10/2023 06:00	14.5	346743.0	34.66	1.98	18.93	1.31
25/10/2023 07:00	14.6	354835.3	35.73	2.13	19.10	1.30
25/10/2023 08:00	14.6	356522.1	36.41	2.09	18.44	1.23
25/10/2023 09:00	14.6	325457.9	40.81	2.22	14.61	1.13
25/10/2023 10:00	14.7	369657.8	38.80	2.28	17.85	1.20
25/10/2023 11:00	14.7	367382.2	38.79	2.26	17.10	1.16
25/10/2023 12:00	14.7	366966.9	39.38	2.18	17.81	1.10
25/10/2023 13:00	14.7	371811.1	40.18	2.19	17.41	1.21
25/10/2023 14:00	14.6	369876.8	35.79	2.10	18.18	1.19
25/10/2023 15:00	14.6	371148.3	34.61	2.03	17.71	1.39
25/10/2023 16:00	14.6	372527.8	36.17	2.09	18.07	1.84
25/10/2023 17:00	14.7	371848.1	36.23	2.09	18.48	1.89

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/10/2023 18:00	14.6	366819.1	36.22	2.03	18.58	1.22
25/10/2023 19:00	14.6	366053.9	36.53	2.12	19.25	1.28
25/10/2023 20:00	14.6	368104.7	36.60	2.05	19.86	1.21
25/10/2023 21:00	14.6	367689.5	36.07	2.02	21.00	1.23
25/10/2023 22:00	14.6	366685.4	35.49	2.02	20.66	1.23
25/10/2023 23:00	14.5	348209.1	35.69	2.01	19.76	1.22
26/10/2023 00:00	14.5	357679.9	34.38	2.05	21.05	1.31
26/10/2023 01:00	14.6	358834.6	34.50	2.15	20.84	1.40
26/10/2023 02:00	14.6	358823.3	34.50	2.17	21.01	1.40
26/10/2023 03:00	14.6	354715.9	33.82	2.08	20.49	1.51
26/10/2023 04:00	14.5	354013.4	33.26	2.05	20.37	1.46
26/10/2023 05:00	14.5	346407.3	33.53	2.14	20.28	1.46
26/10/2023 06:00	14.5	347218.0	32.87	2.00	21.14	1.41
26/10/2023 07:00	14.5	354590.8	33.46	2.03	21.00	1.42
26/10/2023 08:00	14.6	355566.4	34.77	2.18	19.13	1.36
26/10/2023 09:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
26/10/2023 10:00	14.7	371822.5	30.21	2.36	18.24	1.26
26/10/2023 11:00	14.7	368349.3	30.74	2.18	17.92	1.19
26/10/2023 12:00	14.7	366600.0	30.82	2.10	18.46	1.15
26/10/2023 13:00	14.9	370038.9	30.90	2.09	19.35	1.17
26/10/2023 14:00	14.8	368315.2	29.03	1.99	18.67	1.16
26/10/2023 15:00	14.8	365701.1	26.85	1.88	18.12	1.11
26/10/2023 16:00	14.8	371111.3	27.17	1.88	18.50	1.09
26/10/2023 17:00	14.7	367481.8	27.47	1.80	18.15	1.18
26/10/2023 18:00	14.6	363050.2	26.59	1.74	18.22	1.35
26/10/2023 19:00	14.7	366838.9	28.20	1.87	18.24	1.45
26/10/2023 20:00	14.6	370277.9	27.82	1.87	17.83	1.47
26/10/2023 21:00	14.6	366713.9	28.04	1.80	18.91	1.23
26/10/2023 22:00	14.5	360865.6	29.00	1.83	23.33	1.13
26/10/2023 23:00	14.5	342764.8	28.45	1.90	23.70	1.75
27/10/2023 00:00	14.5	351257.1	25.93	1.94	20.89	1.53
27/10/2023 01:00	14.5	354465.6	25.66	2.07	20.18	1.83
27/10/2023 02:00	14.5	354750.1	25.88	2.20	18.68	1.72
27/10/2023 03:00	14.5	349359.9	25.47	2.09	18.82	1.46
27/10/2023 04:00	14.5	349021.3	25.14	2.16	18.69	1.44
27/10/2023 05:00	14.5	344390.6	25.41	2.13	19.66	1.33
27/10/2023 06:00	14.5	344632.3	24.99	2.18	21.71	1.37
27/10/2023 07:00	14.5	355404.4	25.66	2.20	22.56	1.31
27/10/2023 08:00	14.6	362359.0	26.59	2.24	21.29	1.25
27/10/2023 09:00	14.6	333870.3	29.83	2.27	15.73	1.21
27/10/2023 10:00	14.7	372243.3	27.98	2.25	17.51	1.43
27/10/2023 11:00	14.7	369777.3	28.14	2.26	16.09	1.48
27/10/2023 12:00	14.7	367786.1	28.45	2.19	15.74	1.54
27/10/2023 13:00	14.7	371498.1	29.52	2.12	17.25	1.21
27/10/2023 14:00	14.6	373478.0	27.11	1.93	18.42	1.31
27/10/2023 15:00	14.6	367092.1	27.62	1.89	18.92	1.19
27/10/2023 16:00	14.6	372547.8	28.20	2.13	18.25	1.51
27/10/2023 17:00	14.6	369748.8	27.58	2.10	17.33	1.53
27/10/2023 18:00	14.6	363394.4	26.66	2.11	17.24	1.47
27/10/2023 19:00	14.6	364995.7	27.10	2.09	18.70	1.32
27/10/2023 20:00	14.6	368887.0	27.36	2.12	19.62	1.26
27/10/2023 21:00	14.6	368039.3	27.14	2.18	20.76	1.37
27/10/2023 22:00	14.6	366261.5	27.16	2.07	20.88	1.32
27/10/2023 23:00	14.6	345821.2	27.01	2.04	18.77	1.52
28/10/2023 00:00	14.6	354118.7	25.34	2.13	18.68	1.45
28/10/2023 01:00	14.6	355128.4	24.95	2.08	20.21	1.53
28/10/2023 02:00	14.6	352679.3	24.84	2.10	20.99	1.53
28/10/2023 03:00	14.5	346293.5	24.36	2.11	21.77	1.52
28/10/2023 04:00	14.5	340886.3	24.89	2.26	19.68	1.56
28/10/2023 05:00	14.5	334287.1	24.31	2.17	20.63	1.45
28/10/2023 06:00	14.5	331155.4	24.34	2.12	20.56	1.43
28/10/2023 07:00	14.5	336591.2	25.02	2.09	18.82	1.35
28/10/2023 08:00	14.5	342231.7	25.00	2.10	16.94	1.40
28/10/2023 09:00	14.6	329185.5	27.95	2.14	14.56	2.72
28/10/2023 10:00	14.7	370787.0	27.71	2.30	16.64	2.07
28/10/2023 11:00	14.7	368155.9	28.29	2.34	16.57	1.65

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/10/2023 12:00	14.6	368693.5	27.60	2.22	18.47	1.42
28/10/2023 13:00	14.6	367985.2	27.23	2.16	20.66	1.26
28/10/2023 14:00	14.6	369060.4	26.46	2.22	20.27	1.52
28/10/2023 15:00	14.6	365442.4	26.79	2.25	19.52	1.48
28/10/2023 16:00	14.6	362731.5	26.96	2.22	20.12	1.28
28/10/2023 17:00	14.6	357517.7	26.48	2.22	20.81	1.39
28/10/2023 18:00	14.6	354007.7	25.52	2.15	19.37	1.60
28/10/2023 19:00	14.6	356251.9	26.22	2.24	20.29	1.36
28/10/2023 20:00	14.6	357059.8	27.60	2.31	20.27	1.37
28/10/2023 21:00	14.6	357560.4	26.83	2.18	20.37	1.47
28/10/2023 22:00	14.6	358692.4	26.35	2.15	19.39	1.56
28/10/2023 23:00	14.5	330462.6	25.73	2.14	16.73	1.53
29/10/2023 00:00	14.5	331314.7	23.91	2.16	17.86	1.53
29/10/2023 01:00	14.5	330572.3	24.04	2.25	18.14	1.60
29/10/2023 02:00	14.5	330407.3	23.95	2.25	18.14	1.49
29/10/2023 03:00	14.5	328649.4	23.50	2.24	17.74	1.77
29/10/2023 04:00	14.5	328120.4	23.27	2.20	17.82	1.53
29/10/2023 05:00	14.4	321248.2	22.82	2.23	17.62	1.70
29/10/2023 06:00	14.4	316586.2	22.59	2.21	21.26	1.48
29/10/2023 07:00	14.5	316404.1	23.45	2.22	17.05	1.34
29/10/2023 08:00	14.5	315897.8	24.17	2.29	19.30	1.36
29/10/2023 09:00	14.5	315516.7	24.02	2.16	15.48	1.28
29/10/2023 10:00	14.5	313801.4	24.10	2.20	14.01	1.28
29/10/2023 11:00	14.5	313804.3	24.37	2.19	13.16	1.26
29/10/2023 12:00	14.5	319706.5	25.09	2.19	14.25	1.27
29/10/2023 13:00	14.6	322255.1	25.00	2.12	14.40	1.69
29/10/2023 14:00	14.5	320599.6	24.53	2.03	14.18	1.37
29/10/2023 15:00	14.6	322223.8	24.34	2.08	14.18	2.47
29/10/2023 16:00	14.6	321396.1	24.98	2.08	13.97	1.38
29/10/2023 17:00	14.6	311308.1	25.85	2.02	13.55	1.62
29/10/2023 18:00	14.6	330330.0	28.38	2.10	15.43	1.26
29/10/2023 19:00	14.6	356496.5	26.30	2.21	18.67	1.39
29/10/2023 20:00	14.6	358683.9	26.15	2.09	19.76	1.41
29/10/2023 21:00	14.6	357867.6	26.79	2.16	20.32	1.37
29/10/2023 22:00	14.6	333827.5	27.47	2.15	18.45	1.41
29/10/2023 23:00	14.5	325190.5	24.18	2.01	17.39	1.62
30/10/2023 00:00	14.5	324525.0	23.04	1.86	15.85	1.99
30/10/2023 01:00	14.5	322752.9	24.04	2.05	15.72	1.28
30/10/2023 02:00	14.5	322388.8	24.30	2.16	17.03	1.25
30/10/2023 03:00	14.5	321339.2	24.22	2.20	17.33	1.27
30/10/2023 04:00	14.5	320787.4	24.18	2.24	17.41	1.27
30/10/2023 05:00	14.4	318730.9	23.84	2.24	18.31	1.31
30/10/2023 06:00	14.5	322809.8	24.13	2.22	18.63	1.32
30/10/2023 07:00	14.5	340823.7	25.03	2.16	20.20	1.18
30/10/2023 08:00	14.6	357369.8	26.70	2.31	20.04	1.12
30/10/2023 09:00	14.6	329633.6	29.69	2.31	16.21	1.08
30/10/2023 10:00	14.6	370721.6	28.18	2.26	18.92	1.09
30/10/2023 11:00	14.7	370368.9	28.58	2.29	18.51	1.09
30/10/2023 12:00	14.6	366540.3	29.15	2.07	20.98	1.01
30/10/2023 13:00	14.6	368975.1	29.05	2.01	23.27	1.03
30/10/2023 14:00	14.6	372263.3	27.05	2.00	23.83	1.01
30/10/2023 15:00	14.6	369862.6	26.88	2.30	23.79	1.12
30/10/2023 16:00	14.6	371179.6	26.81	2.35	24.72	1.10
30/10/2023 17:00	14.6	369177.1	27.32	2.31	22.84	1.12
30/10/2023 18:00	14.6	364151.0	26.70	2.20	23.25	1.10
30/10/2023 19:00	14.6	363909.2	26.70	2.28	23.08	1.19
30/10/2023 20:00	14.6	366705.3	26.42	2.20	22.51	1.16
30/10/2023 21:00	14.6	366056.7	26.83	2.20	23.98	1.12
30/10/2023 22:00	14.6	364557.7	27.73	2.22	22.94	1.06
30/10/2023 23:00	14.6	344573.9	28.31	2.26	21.45	1.05
31/10/2023 00:00	14.6	351092.1	27.30	2.28	21.73	1.07
31/10/2023 01:00	14.6	350113.6	27.08	2.28	21.87	1.05
31/10/2023 02:00	14.6	350403.8	27.01	2.25	21.96	1.03
31/10/2023 03:00	14.5	346626.4	27.10	2.27	21.96	1.01
31/10/2023 04:00	14.5	346233.8	27.23	2.34	22.01	1.05
31/10/2023 05:00	14.5	340470.9	27.04	2.29	21.59	1.05

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/10/2023 00:00-31/08/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/10/2023 06:00	14.5	340590.4	26.99	2.31	21.71	1.09
31/10/2023 07:00	14.6	350645.6	27.36	2.32	22.43	1.07
31/10/2023 08:00	14.6	357159.3	28.39	2.40	22.08	1.08
31/10/2023 09:00	14.6	326800.4	32.13	2.41	18.12	0.99
31/10/2023 10:00	14.7	368989.3	30.09	2.34	20.27	0.94
31/10/2023 11:00	14.7	367931.2	30.57	2.35	19.53	0.98
31/10/2023 12:00	14.7	364281.7	30.43	2.25	19.79	0.98
31/10/2023 13:00	14.7	369831.3	30.74	2.25	20.32	0.97
31/10/2023 14:00	14.7	371910.6	31.07	2.21	20.04	0.99
31/10/2023 15:00	14.7	372195.0	31.49	2.21	19.44	1.04
31/10/2023 16:00	14.7	372869.2	31.34	2.10	19.62	0.99
31/10/2023 17:00	14.7	372069.9	30.58	2.04	20.17	1.01
31/10/2023 18:00	14.7	366130.7	29.98	2.03	20.34	1.05
31/10/2023 19:00	14.7	366944.2	29.69	2.02	20.62	1.07
31/10/2023 20:00	14.7	368992.3	29.29	2.00	20.79	1.02
31/10/2023 21:00	14.6	369037.7	29.11	2.02	21.19	1.06
31/10/2023 22:00	14.6	367023.8	28.93	2.10	21.68	1.13
31/10/2023 23:00	14.6	345805.5	29.08	2.09	19.98	1.10
Minimum	14.37	243,948.20	22.59	1.10	12.70	0.94
Maximum	14.85	378,560.90	58.41	3.97	25.46	6.78
Avg	14.57	348,950.77	33.75	1.87	19.18	1.40
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/11/2023 00:00	14.5	329738.9	42.74	1.75	9.23	0.24
01/11/2023 01:00	14.5	329758.8	42.65	1.88	9.28	0.24
01/11/2023 02:00	14.5	330319.2	42.71	1.88	9.32	0.24
01/11/2023 03:00	14.4	327890.0	42.13	1.89	9.53	0.24
01/11/2023 04:00	14.4	326055.3	42.47	2.00	9.49	0.26
01/11/2023 05:00	14.4	320559.9	42.58	1.96	9.06	0.26
01/11/2023 06:00	14.5	322061.8	43.19	2.01	8.91	0.24
01/11/2023 07:00	14.5	328640.9	44.68	2.15	8.62	0.22
01/11/2023 08:00	14.5	335442.0	46.09	1.92	8.20	0.20
01/11/2023 09:00	14.6	338474.2	46.85	1.73	7.76	0.18
01/11/2023 10:00	14.6	335291.3	47.24	1.64	7.44	0.20
01/11/2023 11:00	14.5	335200.3	46.43	1.48	7.21	0.20
01/11/2023 12:00	14.5	284733.7	45.17	1.28	7.29	0.17
01/11/2023 13:00	14.5	348591.9	47.77	1.32	7.72	0.22
01/11/2023 14:00	14.5	348355.8	47.73	1.21	7.76	0.22
01/11/2023 15:00	14.5	349615.9	48.05	1.13	7.81	0.20
01/11/2023 16:00	14.5	350577.3	48.52	1.24	7.84	0.22
01/11/2023 17:00	14.5	349021.4	48.15	1.20	7.78	0.20
01/11/2023 18:00	14.5	342154.9	46.21	1.39	7.91	0.20
01/11/2023 19:00	14.5	342843.3	46.33	1.57	8.00	0.24
01/11/2023 20:00	14.6	346481.3	47.16	1.67	8.07	0.24
01/11/2023 21:00	14.6	346356.2	46.71	1.58	8.23	0.22
01/11/2023 22:00	14.6	344598.3	46.54	1.66	8.30	0.22
01/11/2023 23:00	14.5	322694.3	44.79	1.81	8.20	0.24
02/11/2023 00:00	14.5	332577.7	43.91	1.73	8.20	0.24
02/11/2023 01:00	14.5	332728.4	43.84	1.80	8.31	0.22
02/11/2023 02:00	14.5	331121.3	43.49	2.01	8.59	0.28
02/11/2023 03:00	14.5	328037.9	43.17	1.90	8.62	0.28
02/11/2023 04:00	14.4	327471.9	43.10	1.85	8.67	0.28
02/11/2023 05:00	14.4	321478.6	42.32	1.93	8.73	0.26
02/11/2023 06:00	14.4	321521.3	42.45	2.02	8.81	0.30
02/11/2023 07:00	14.5	330626.4	43.56	1.88	8.60	0.24
02/11/2023 08:00	14.5	337043.4	45.02	2.01	8.03	0.20
02/11/2023 09:00	14.6	340903.3	46.30	1.71	7.77	0.22
02/11/2023 10:00	14.5	339381.6	45.87	1.42	7.27	0.24
02/11/2023 11:00	14.5	339552.3	44.66	1.46	7.22	0.33
02/11/2023 12:00	14.5	289963.8	43.74	1.37	7.22	0.48
02/11/2023 13:00	14.5	345798.6	43.27	1.28	7.46	0.37
02/11/2023 14:00	14.5	349522.0	46.35	1.22	7.45	0.41
02/11/2023 15:00	14.5	350708.2	48.15	1.33	7.36	0.31
02/11/2023 16:00	14.5	349789.4	47.16	1.27	7.44	0.28
02/11/2023 17:00	14.5	348398.5	46.44	1.36	7.23	0.31
02/11/2023 18:00	14.5	342885.9	44.84	1.55	7.30	0.31
02/11/2023 19:00	14.5	342672.6	43.61	1.52	7.97	0.35
02/11/2023 20:00	14.5	345701.9	43.83	1.59	7.85	0.41
02/11/2023 21:00	14.5	346148.5	44.48	1.81	8.35	0.46
02/11/2023 22:00	14.5	344365.0	43.43	1.69	8.61	0.46
02/11/2023 23:00	14.5	323041.3	41.72	1.68	8.25	0.47
03/11/2023 00:00	14.4	333408.3	40.88	1.72	8.59	0.49
03/11/2023 01:00	14.4	333234.7	40.73	1.84	9.12	0.54
03/11/2023 02:00	14.4	333405.4	39.48	1.81	11.72	0.66
03/11/2023 03:00	14.4	329875.4	38.83	1.75	10.17	0.72
03/11/2023 04:00	14.4	329306.6	39.02	1.94	10.41	0.75
03/11/2023 05:00	14.4	322807.0	38.86	1.97	9.80	0.72
03/11/2023 06:00	14.4	323685.9	39.48	1.79	9.79	0.53
03/11/2023 07:00	14.4	331138.4	41.59	1.98	8.54	0.41
03/11/2023 08:00	14.5	339125.6	43.50	1.97	7.86	0.35
03/11/2023 09:00	14.5	343921.3	45.07	1.74	7.64	0.26
03/11/2023 10:00	14.5	344049.3	45.41	1.46	7.38	0.26
03/11/2023 11:00	14.5	342095.2	46.40	1.52	7.27	0.28
03/11/2023 12:00	14.5	291728.4	45.17	1.40	6.90	0.32
03/11/2023 13:00	14.4	346219.6	43.26	1.15	7.31	0.32
03/11/2023 14:00	14.4	347892.2	49.88	1.27	7.34	0.39
03/11/2023 15:00	14.5	347414.3	50.10	1.23	7.25	0.41
03/11/2023 16:00	14.4	348261.9	50.20	1.03	7.25	0.39
03/11/2023 17:00	14.5	348549.2	47.68	1.19	7.51	0.35

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/11/2023 18:00	14.5	343625.5	45.46	1.35	7.67	0.30
03/11/2023 19:00	14.5	343679.5	44.05	1.37	7.21	0.41
03/11/2023 20:00	14.5	346199.7	43.22	1.47	7.61	0.39
03/11/2023 21:00	14.5	347348.9	42.94	1.67	7.76	0.43
03/11/2023 22:00	14.5	348520.8	42.76	1.56	8.42	0.45
03/11/2023 23:00	14.4	324692.5	40.03	1.57	7.44	0.73
04/11/2023 00:00	14.4	336466.0	39.81	1.76	7.80	0.67
04/11/2023 01:00	14.4	333439.5	39.41	1.78	8.63	0.62
04/11/2023 02:00	14.4	333032.8	39.48	1.67	8.51	0.62
04/11/2023 03:00	14.4	329497.1	39.99	1.77	8.33	0.56
04/11/2023 04:00	14.4	326868.9	39.67	1.88	8.48	0.66
04/11/2023 05:00	14.3	321293.8	37.91	1.82	8.43	0.78
04/11/2023 06:00	14.4	321313.7	37.24	1.72	8.42	0.91
04/11/2023 07:00	14.4	329221.2	37.70	1.90	8.19	0.98
04/11/2023 08:00	14.5	335282.7	38.81	1.79	7.35	0.80
04/11/2023 09:00	14.5	335077.9	39.11	1.66	7.33	0.73
04/11/2023 10:00	14.5	334511.9	40.23	1.56	6.85	0.56
04/11/2023 11:00	14.5	333322.9	42.33	1.54	7.08	0.41
04/11/2023 12:00	14.4	288202.7	41.72	1.36	6.82	0.37
04/11/2023 13:00	14.4	345832.8	41.57	1.25	7.22	0.51
04/11/2023 14:00	14.3	349721.1	39.27	1.23	7.17	0.49
04/11/2023 15:00	14.3	348338.7	39.37	1.16	7.13	0.42
04/11/2023 16:00	14.4	345218.4	40.81	1.17	8.52	0.19
04/11/2023 17:00	14.4	340118.3	39.89	1.49	10.83	0.34
04/11/2023 18:00	14.4	336249.8	41.42	1.65	9.00	0.32
04/11/2023 19:00	14.4	337000.8	41.42	1.72	9.34	0.34
04/11/2023 20:00	14.5	337441.7	42.11	1.88	9.00	0.43
04/11/2023 21:00	14.5	337492.9	42.26	1.86	8.50	0.54
04/11/2023 22:00	14.5	339609.1	42.50	1.82	7.75	0.71
04/11/2023 23:00	14.4	315267.4	40.26	1.91	7.19	0.60
05/11/2023 00:00	14.4	324155.3	39.46	2.05	7.43	0.56
05/11/2023 01:00	14.4	323808.3	38.97	1.94	7.82	0.53
05/11/2023 02:00	14.4	324388.5	39.14	1.92	7.87	0.58
05/11/2023 03:00	14.4	322755.8	39.37	2.11	8.05	0.56
05/11/2023 04:00	14.4	322084.5	39.60	2.03	8.04	0.56
05/11/2023 05:00	14.4	319200.3	39.03	1.92	8.34	0.62
05/11/2023 06:00	14.4	313770.2	38.44	1.94	7.29	0.62
05/11/2023 07:00	14.4	312453.2	38.29	2.03	7.12	0.58
05/11/2023 08:00	14.4	312885.6	38.51	1.92	6.80	0.53
05/11/2023 09:00	14.4	313778.7	38.96	1.65	6.70	0.43
05/11/2023 10:00	14.4	313909.6	39.36	1.61	6.61	0.41
05/11/2023 11:00	14.4	312220.0	39.25	1.43	6.65	0.43
05/11/2023 12:00	14.4	313372.0	38.75	1.17	6.51	0.38
05/11/2023 13:00	14.4	317692.7	39.37	1.29	6.85	0.45
05/11/2023 14:00	14.4	315934.8	41.96	1.28	6.89	0.26
05/11/2023 15:00	14.4	315559.3	40.36	1.25	7.39	0.25
05/11/2023 16:00	14.4	309281.7	41.76	1.43	7.66	0.30
05/11/2023 17:00	14.5	294789.2	42.24	1.52	7.60	0.32
05/11/2023 18:00	14.5	331895.0	41.16	1.40	8.19	0.34
05/11/2023 19:00	14.4	332409.8	40.41	1.59	8.05	0.47
05/11/2023 20:00	14.5	334563.1	40.81	1.64	7.87	0.41
05/11/2023 21:00	14.5	316986.8	41.51	1.62	8.18	0.37
05/11/2023 22:00	14.4	318978.4	39.45	1.67	8.35	0.43
05/11/2023 23:00	14.4	319112.1	38.77	1.77	8.28	0.38
06/11/2023 00:00	14.4	318355.4	39.26	1.82	8.13	0.38
06/11/2023 01:00	14.4	317248.7	39.14	1.79	7.39	0.41
06/11/2023 02:00	14.4	315363.1	39.59	1.85	7.87	0.38
06/11/2023 03:00	14.4	313775.9	39.32	1.85	8.09	0.43
06/11/2023 04:00	14.4	312427.6	39.30	1.95	8.38	0.36
06/11/2023 05:00	14.4	311855.9	39.49	1.93	8.67	0.38
06/11/2023 06:00	14.4	313127.3	39.57	2.00	8.45	0.40
06/11/2023 07:00	14.4	324937.5	40.52	2.00	8.34	0.37
06/11/2023 08:00	14.5	338559.5	42.85	1.86	7.91	0.28
06/11/2023 09:00	14.5	338943.5	42.96	1.72	7.34	0.30
06/11/2023 10:00	14.5	341133.8	43.48	1.52	7.30	0.26
06/11/2023 11:00	14.5	340374.3	44.39	1.41	7.09	0.22

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/11/2023 12:00	14.5	302392.5	42.95	1.45	7.12	0.28
06/11/2023 13:00	14.4	347715.8	43.53	1.28	7.18	0.26
06/11/2023 14:00	14.3	350329.8	40.26	1.12	7.39	0.25
06/11/2023 15:00	14.3	347590.6	40.30	1.21	7.13	0.21
06/11/2023 16:00	14.4	348145.3	43.06	1.21	7.27	0.23
06/11/2023 17:00	14.5	350014.1	47.65	1.21	7.77	0.24
06/11/2023 18:00	14.5	346327.7	47.26	1.40	7.59	0.35
06/11/2023 19:00	14.5	346142.8	45.09	1.52	7.57	0.24
06/11/2023 20:00	14.5	348199.3	44.26	1.52	8.21	0.35
06/11/2023 21:00	14.5	346888.1	44.98	1.50	8.42	0.20
06/11/2023 22:00	14.5	343543.0	43.43	1.71	16.99	0.39
06/11/2023 23:00	14.4	294968.1	40.36	1.76	8.06	0.34
07/11/2023 00:00	14.4	296697.8	40.64	1.68	9.48	0.26
07/11/2023 01:00	14.3	298381.8	40.66	1.99	10.70	0.28
07/11/2023 02:00	14.3	296993.7	39.92	1.99	8.86	0.44
07/11/2023 03:00	14.3	294789.2	39.86	1.86	7.70	0.32
07/11/2023 04:00	14.3	294464.9	39.14	1.92	7.84	0.38
07/11/2023 05:00	14.3	290087.3	39.24	2.02	9.67	0.36
07/11/2023 06:00	14.3	292471.0	39.27	2.02	8.63	0.34
07/11/2023 07:00	14.3	301692.7	38.53	1.90	11.59	0.40
07/11/2023 08:00	14.4	306804.2	39.03	2.04	10.78	0.32
07/11/2023 09:00	14.4	308254.8	39.27	1.79	7.08	0.28
07/11/2023 10:00	14.4	308226.4	39.59	1.53	6.86	0.23
07/11/2023 11:00	14.4	305848.4	39.91	1.42	6.89	0.23
07/11/2023 12:00	14.4	285981.3	40.40	1.39	6.89	0.34
07/11/2023 13:00	14.4	348967.3	41.29	1.26	7.29	0.28
07/11/2023 14:00	14.4	350472.1	41.61	1.23	7.15	0.28
07/11/2023 15:00	14.4	350221.8	43.96	1.23	7.09	0.21
07/11/2023 16:00	14.4	350813.4	42.92	1.18	9.94	0.17
07/11/2023 17:00	14.5	350255.9	42.93	1.29	8.19	0.24
07/11/2023 18:00	14.5	346717.4	43.08	1.62	8.99	0.24
07/11/2023 19:00	14.5	346148.5	42.98	1.53	8.32	0.54
07/11/2023 20:00	14.5	347303.3	43.48	1.71	7.88	0.28
07/11/2023 21:00	14.5	347630.5	43.28	1.82	7.81	0.33
07/11/2023 22:00	14.5	345943.7	42.91	1.78	8.31	0.35
07/11/2023 23:00	14.5	325642.6	40.95	1.77	9.07	0.41
08/11/2023 00:00	14.4	335171.8	40.54	2.07	8.99	0.34
08/11/2023 01:00	14.4	335203.1	40.45	1.94	8.63	0.43
08/11/2023 02:00	14.4	333029.9	39.96	1.87	8.34	0.41
08/11/2023 03:00	14.4	330950.6	39.15	1.88	7.52	0.45
08/11/2023 04:00	14.4	330199.7	38.45	2.09	7.69	0.49
08/11/2023 05:00	14.4	324320.3	37.76	1.96	7.81	0.45
08/11/2023 06:00	14.4	326664.1	37.63	2.00	7.72	0.53
08/11/2023 07:00	14.4	337444.5	38.43	2.11	7.93	0.56
08/11/2023 08:00	14.5	346205.4	40.55	2.01	7.79	0.43
08/11/2023 09:00	14.5	348276.2	41.68	1.71	7.58	0.30
08/11/2023 10:00	14.5	348091.3	43.19	1.58	7.47	0.26
08/11/2023 11:00	14.5	345531.3	43.25	1.60	7.45	0.28
08/11/2023 12:00	14.4	305302.5	42.86	1.35	7.16	0.24
08/11/2023 13:00	14.3	350802.0	41.19	1.27	7.39	0.21
08/11/2023 14:00	14.3	351316.9	40.32	1.25	7.38	0.19
08/11/2023 15:00	14.3	349985.7	39.90	1.18	7.21	0.23
08/11/2023 16:00	14.3	353635.1	40.16	1.12	7.37	0.19
08/11/2023 17:00	14.4	352642.4	40.85	1.17	7.79	0.19
08/11/2023 18:00	14.5	349934.5	43.92	1.38	7.92	0.28
08/11/2023 19:00	14.5	350543.2	44.45	1.50	8.02	0.37
08/11/2023 20:00	14.5	351288.4	44.48	1.43	8.14	0.30
08/11/2023 21:00	14.5	349997.0	43.41	1.71	8.37	0.39
08/11/2023 22:00	14.5	348771.1	42.44	1.56	8.60	0.50
08/11/2023 23:00	14.5	331027.3	40.58	1.49	8.64	0.43
09/11/2023 00:00	14.5	337598.1	40.67	1.66	8.94	0.41
09/11/2023 01:00	14.4	337783.0	39.90	1.80	9.32	0.45
09/11/2023 02:00	14.4	337316.5	39.15	1.67	8.49	0.49
09/11/2023 03:00	14.4	334571.6	38.44	1.73	8.14	0.49
09/11/2023 04:00	14.4	334253.0	39.38	1.95	8.49	0.26
09/11/2023 05:00	14.4	328427.6	38.80	1.84	9.22	0.32

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/11/2023 06:00	14.4	327210.2	38.57	1.88	9.59	0.32
09/11/2023 07:00	14.4	337797.2	40.41	1.94	9.73	0.24
09/11/2023 08:00	14.5	345926.6	42.13	1.93	9.37	0.24
09/11/2023 09:00	14.5	348099.8	42.50	1.69	8.85	0.22
09/11/2023 10:00	14.5	346942.1	42.61	1.52	8.28	0.17
09/11/2023 11:00	14.5	350833.3	44.19	1.45	8.13	0.15
09/11/2023 12:00	14.5	308329.1	42.63	1.42	8.02	0.17
09/11/2023 13:00	14.4	352138.9	43.14	1.48	10.20	0.19
09/11/2023 14:00	14.5	354195.4	45.95	1.47	8.44	0.13
09/11/2023 15:00	14.5	351638.3	45.08	1.67	8.15	0.20
09/11/2023 16:00	14.5	350514.7	45.02	1.65	7.80	0.20
09/11/2023 17:00	14.5	343355.3	42.05	1.51	7.59	0.35
09/11/2023 18:00	14.5	339808.3	41.20	1.68	7.59	0.26
09/11/2023 19:00	14.5	342226.0	41.98	1.78	7.51	0.28
09/11/2023 20:00	14.5	343656.8	43.07	1.74	8.06	0.28
09/11/2023 21:00	14.5	343104.9	42.92	1.72	8.45	0.28
09/11/2023 22:00	14.5	344029.4	43.07	1.89	8.08	0.30
09/11/2023 23:00	14.4	323751.3	40.67	1.76	7.62	0.39
10/11/2023 00:00	14.5	333669.9	40.47	1.83	7.72	0.41
10/11/2023 01:00	14.5	333226.2	40.99	1.87	7.61	0.43
10/11/2023 02:00	14.4	332227.8	39.94	1.96	7.73	0.49
10/11/2023 03:00	14.4	327872.9	38.96	1.86	7.93	0.49
10/11/2023 04:00	14.4	326095.2	38.27	2.03	8.17	0.68
10/11/2023 05:00	14.4	322087.3	37.33	2.02	8.28	0.81
10/11/2023 06:00	14.4	321700.5	37.07	1.83	9.69	0.72
10/11/2023 07:00	14.4	329457.3	38.17	1.92	8.81	0.66
10/11/2023 08:00	14.4	334292.9	39.66	2.00	8.97	0.41
10/11/2023 09:00	14.5	333530.6	41.87	1.87	8.34	0.26
10/11/2023 10:00	14.5	332239.2	42.91	1.53	7.43	0.17
10/11/2023 11:00	14.4	333960.1	42.82	1.61	7.16	0.21
10/11/2023 12:00	14.4	287399.0	41.96	1.39	7.15	0.21
10/11/2023 13:00	14.4	343884.3	43.74	1.25	7.62	0.19
10/11/2023 14:00	14.5	345391.9	44.52	1.42	7.43	0.15
10/11/2023 15:00	14.4	341523.4	43.17	1.47	11.15	0.11
10/11/2023 16:00	14.4	337418.9	41.55	1.64	10.95	0.19
10/11/2023 17:00	14.4	331476.9	40.46	1.63	8.36	0.24
10/11/2023 18:00	14.4	329135.9	39.64	1.78	8.01	0.41
10/11/2023 19:00	14.4	328754.7	40.15	1.85	7.82	0.54
10/11/2023 20:00	14.4	329013.6	40.37	1.72	8.03	0.37
10/11/2023 21:00	14.4	329061.9	40.37	2.06	9.54	0.28
10/11/2023 22:00	14.4	330097.3	39.98	1.98	10.39	0.32
10/11/2023 23:00	14.4	310243.0	38.76	1.92	11.09	0.23
11/11/2023 00:00	14.4	318383.9	38.48	1.88	13.15	0.28
11/11/2023 01:00	14.4	315946.2	38.24	2.08	10.10	0.30
11/11/2023 02:00	14.3	313033.5	37.87	1.95	10.87	0.34
11/11/2023 03:00	14.3	308058.6	37.89	1.92	10.51	0.34
11/11/2023 04:00	14.3	304941.0	37.94	1.98	10.30	0.40
11/11/2023 05:00	14.3	297565.4	37.91	1.96	11.90	0.40
11/11/2023 06:00	14.3	294117.9	38.38	2.08	12.51	0.40
11/11/2023 07:00	14.3	297682.0	38.76	1.96	11.94	0.27
11/11/2023 08:00	14.3	298438.6	39.09	1.84	10.23	0.21
11/11/2023 09:00	14.4	294117.9	39.58	1.78	8.70	0.19
11/11/2023 10:00	14.4	295079.3	39.74	1.66	7.44	0.17
11/11/2023 11:00	14.4	296094.8	39.68	1.44	7.30	0.15
11/11/2023 12:00	14.5	263539.7	41.18	1.47	7.30	0.09
11/11/2023 13:00	14.4	324411.3	39.04	1.32	7.13	0.19
11/11/2023 14:00	14.4	325443.8	40.97	1.35	7.09	0.32
11/11/2023 15:00	14.4	327816.1	41.31	1.18	6.98	0.24
11/11/2023 16:00	14.3	325773.8	40.81	1.10	9.60	0.04
11/11/2023 17:00	14.4	318912.9	39.62	1.42	13.62	0.13
11/11/2023 18:00	14.3	315903.5	39.03	1.59	11.59	0.11
11/11/2023 19:00	14.4	316833.7	38.79	1.59	11.63	0.11
11/11/2023 20:00	14.4	316762.6	39.12	1.79	9.74	0.17
11/11/2023 21:00	14.4	316236.3	39.22	1.92	10.18	0.17
11/11/2023 22:00	14.4	317138.0	38.82	1.77	10.79	0.17
11/11/2023 23:00	14.4	278804.3	41.55	1.89	14.58	0.21

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/11/2023 00:00	14.3	286204.7	40.16	1.93	12.74	0.21
12/11/2023 01:00	14.3	286548.9	39.92	1.95	16.08	0.21
12/11/2023 02:00	14.3	285487.9	39.46	1.86	11.03	0.25
12/11/2023 03:00	14.3	285988.5	39.36	2.05	13.17	0.27
12/11/2023 04:00	14.3	284000.3	39.57	1.92	15.03	0.27
12/11/2023 05:00	14.3	279247.2	40.51	1.99	15.72	0.23
12/11/2023 06:00	14.3	277395.4	40.44	1.91	13.56	0.21
12/11/2023 07:00	14.3	276277.6	40.56	2.00	12.11	0.15
12/11/2023 08:00	14.3	274226.7	40.45	1.97	10.34	0.13
12/11/2023 09:00	14.4	273925.2	40.58	1.80	8.62	0.11
12/11/2023 10:00	14.3	274775.7	40.53	1.63	7.88	0.11
12/11/2023 11:00	14.3	274565.2	39.84	1.71	8.15	0.13
12/11/2023 12:00	14.3	275481.1	39.85	1.45	7.75	0.13
12/11/2023 13:00	14.3	275748.5	40.46	1.37	7.44	0.13
12/11/2023 14:00	14.3	276343.0	40.32	1.38	7.17	0.15
12/11/2023 15:00	14.3	277304.4	39.13	1.38	7.92	0.29
12/11/2023 16:00	14.3	273160.7	39.81	1.43	8.16	0.15
12/11/2023 17:00	14.5	277141.7	39.74	1.53	8.71	0.11
12/11/2023 18:00	14.4	313881.1	39.19	1.64	8.42	0.17
12/11/2023 19:00	14.4	314617.8	40.78	1.60	8.75	0.13
12/11/2023 20:00	14.4	316020.2	40.54	1.76	8.27	0.11
12/11/2023 21:00	14.4	292975.3	43.51	1.76	8.46	0.13
12/11/2023 22:00	14.3	278183.3	42.08	1.87	9.10	0.19
12/11/2023 23:00	14.3	278843.3	41.91	1.91	9.08	0.19
13/11/2023 00:00	14.3	278382.5	41.93	1.79	9.15	0.19
13/11/2023 01:00	14.3	278419.3	42.37	2.02	8.69	0.21
13/11/2023 02:00	14.3	278194.7	42.16	2.02	9.22	0.19
13/11/2023 03:00	14.3	277568.9	42.10	1.99	10.04	0.19
13/11/2023 04:00	14.3	278191.9	40.95	1.90	11.27	0.23
13/11/2023 05:00	14.3	278166.3	40.28	2.13	14.86	0.33
13/11/2023 06:00	14.3	281847.0	40.01	1.94	16.05	0.38
13/11/2023 07:00	14.3	294769.3	38.73	1.94	11.29	0.36
13/11/2023 08:00	14.4	307654.6	39.34	1.93	8.86	0.17
13/11/2023 09:00	14.4	310186.2	40.25	1.67	7.60	0.13
13/11/2023 10:00	14.4	306772.9	40.85	1.62	7.21	0.11
13/11/2023 11:00	14.4	305071.9	41.15	1.42	7.08	0.15
13/11/2023 12:00	14.4	279591.9	42.06	1.15	7.02	0.11
13/11/2023 13:00	14.4	344538.6	41.36	1.36	7.65	0.09
13/11/2023 14:00	14.4	346105.8	41.19	1.22	7.73	0.11
13/11/2023 15:00	14.4	347431.3	45.04	1.10	7.70	0.09
13/11/2023 16:00	14.5	348577.7	45.70	1.25	7.72	0.09
13/11/2023 17:00	14.5	346441.5	46.09	1.37	7.77	0.09
13/11/2023 18:00	14.5	314893.4	43.42	1.34	7.43	0.19
13/11/2023 19:00	14.4	310052.5	40.59	1.58	7.29	0.26
13/11/2023 20:00	14.4	314962.0	40.37	1.52	7.42	0.28
13/11/2023 21:00	14.4	313679.2	39.41	1.43	7.60	0.34
13/11/2023 22:00	14.4	312606.8	39.53	1.55	7.37	0.54
13/11/2023 23:00	14.4	311250.0	38.70	1.76	7.60	0.81
14/11/2023 00:00	14.4	309381.2	37.24	1.66	7.52	0.57
14/11/2023 01:00	14.4	312026.6	37.37	1.57	8.15	0.51
14/11/2023 02:00	14.4	309731.1	38.71	1.74	8.74	0.30
14/11/2023 03:00	14.4	306582.3	39.90	1.74	8.55	0.19
14/11/2023 04:00	14.4	306118.6	40.19	1.70	8.57	0.34
14/11/2023 05:00	14.4	302782.1	40.26	1.72	8.51	0.28
14/11/2023 06:00	14.4	307788.3	41.32	1.88	8.36	0.15
14/11/2023 07:00	14.4	320480.3	41.40	1.87	8.61	0.13
14/11/2023 08:00	14.5	327537.3	42.61	1.69	8.66	0.09
14/11/2023 09:00	14.6	313595.9	47.08	1.89	13.13	0.07
14/11/2023 10:00	16.4	192102.2	55.07	3.30	17.11	3.05
14/11/2023 11:00	14.8	277046.7	52.26	1.67	9.12	0.66
14/11/2023 12:00	14.5	259621.4	44.21	1.48	8.78	0.04
14/11/2023 13:00	14.5	347229.4	46.63	1.43	9.14	0.11
14/11/2023 14:00	14.5	349593.1	47.40	1.17	9.13	0.11
14/11/2023 15:00	14.5	350187.6	46.75	1.19	9.09	0.09
14/11/2023 16:00	14.5	350378.2	47.55	1.34	9.33	0.09
14/11/2023 17:00	14.5	348825.1	47.80	1.31	9.39	0.09

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/11/2023 18:00	14.5	342860.3	46.12	1.39	9.40	0.09
14/11/2023 19:00	14.5	341580.3	45.69	1.59	9.48	0.13
14/11/2023 20:00	14.5	343716.5	45.51	1.53	9.61	0.13
14/11/2023 21:00	14.5	344100.5	45.58	1.57	9.59	0.13
14/11/2023 22:00	14.5	342226.0	45.51	1.66	9.56	0.15
14/11/2023 23:00	14.5	311104.6	43.04	1.66	9.30	0.13
15/11/2023 00:00	14.4	317931.6	42.43	1.68	9.36	0.13
15/11/2023 01:00	14.4	317886.1	42.90	1.72	9.32	0.13
15/11/2023 02:00	14.4	314905.1	43.35	1.74	9.20	0.13
15/11/2023 03:00	14.4	312089.1	43.74	1.84	9.14	0.11
15/11/2023 04:00	14.4	312925.4	43.56	1.86	9.27	0.13
15/11/2023 05:00	14.4	308266.2	43.90	1.73	9.26	0.13
15/11/2023 06:00	14.4	309523.4	44.25	1.91	9.20	0.15
15/11/2023 07:00	14.5	324553.5	44.54	1.93	9.06	0.11
15/11/2023 08:00	14.5	333553.3	45.80	1.79	8.97	0.07
15/11/2023 09:00	14.5	335137.7	46.05	1.62	8.79	0.09
15/11/2023 10:00	14.5	336423.3	46.16	1.53	8.83	0.07
15/11/2023 11:00	14.5	330990.5	45.32	1.42	8.67	0.09
15/11/2023 12:00	14.5	295955.4	45.13	1.33	8.44	0.09
15/11/2023 13:00	14.5	344404.9	44.50	1.34	8.62	0.11
15/11/2023 14:00	14.5	348327.3	47.35	1.13	8.70	0.09
15/11/2023 15:00	14.5	347047.3	46.82	1.04	8.60	0.09
15/11/2023 16:00	14.5	346868.2	46.98	1.23	8.79	0.09
15/11/2023 17:00	14.5	340960.3	44.31	1.19	8.96	0.06
15/11/2023 18:00	14.5	335928.4	43.30	1.32	9.14	0.09
15/11/2023 19:00	14.5	336164.5	42.41	1.41	9.49	0.06
15/11/2023 20:00	14.5	335854.5	41.76	1.49	9.36	0.11
15/11/2023 21:00	14.5	337925.2	42.94	1.63	9.25	0.11
15/11/2023 22:00	14.5	339338.9	44.07	1.67	9.38	0.11
15/11/2023 23:00	14.5	335491.5	47.25	1.67	9.42	0.09
16/11/2023 00:00	14.5	355941.9	47.86	1.84	9.57	0.09
16/11/2023 01:00	14.5	355461.2	47.90	1.83	9.58	0.09
16/11/2023 02:00	14.5	354545.3	47.41	1.76	9.61	0.09
16/11/2023 03:00	14.5	354852.5	47.38	1.87	9.77	0.09
16/11/2023 04:00	14.5	354556.7	47.67	1.96	9.74	0.09
16/11/2023 05:00	14.5	354829.8	48.16	1.90	9.75	0.04
16/11/2023 06:00	14.5	353956.5	47.88	1.96	9.82	0.07
16/11/2023 07:00	14.5	353919.5	47.99	2.05	9.81	0.07
16/11/2023 08:00	14.6	356226.4	48.84	1.91	9.60	0.04
16/11/2023 09:00	14.6	357466.6	49.76	1.69	9.18	0.04
16/11/2023 10:00	14.5	356266.2	50.49	1.57	8.90	0.07
16/11/2023 11:00	14.5	354701.8	50.97	1.46	8.86	0.07
16/11/2023 12:00	14.4	298718.0	43.06	1.17	11.04	0.06
16/11/2023 13:00	14.5	345761.7	46.14	1.16	8.86	0.09
16/11/2023 14:00	14.5	347511.0	46.90	1.08	9.01	0.06
16/11/2023 15:00	14.5	349092.5	47.76	1.04	8.88	0.06
16/11/2023 16:00	14.5	349496.4	47.44	1.04	8.92	0.09
16/11/2023 17:00	14.5	344137.5	44.70	1.17	8.90	0.80
16/11/2023 18:00	14.5	338400.3	42.87	1.24	8.86	0.20
16/11/2023 19:00	14.5	339404.3	43.46	1.50	8.87	0.11
16/11/2023 20:00	14.5	340456.8	44.41	1.44	9.00	0.09
16/11/2023 21:00	14.5	339447.0	44.25	1.48	9.30	0.04
16/11/2023 22:00	14.5	338943.5	43.98	1.54	9.68	0.04
16/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/11/2023 13:00	14.6	344009.5	51.26	1.97	9.16	0.04
17/11/2023 14:00	14.6	343036.7	53.77	1.85	9.25	0.02
17/11/2023 15:00	14.6	344342.3	53.41	1.64	9.12	0.04
17/11/2023 16:00	14.6	344504.4	53.43	1.62	9.07	0.04
17/11/2023 17:00	14.6	340963.1	52.15	1.72	9.11	0.04
17/11/2023 18:00	14.6	335928.4	50.68	1.80	9.09	0.04
17/11/2023 19:00	14.6	335479.0	50.41	1.98	9.15	0.07
17/11/2023 20:00	14.6	335521.7	50.56	2.03	9.23	0.07
17/11/2023 21:00	14.6	335638.3	50.31	1.98	9.30	0.07
17/11/2023 22:00	14.6	337717.6	51.25	2.27	9.38	0.07
17/11/2023 23:00	14.6	337524.1	54.28	2.23	9.42	0.04
18/11/2023 00:00	14.6	356172.3	54.12	2.28	9.54	0.04
18/11/2023 01:00	14.6	355151.2	54.25	2.32	9.55	0.04
18/11/2023 02:00	14.6	355017.5	54.78	2.45	9.55	0.04
18/11/2023 03:00	14.6	354920.8	52.97	2.49	9.55	0.02
18/11/2023 04:00	14.6	354380.3	53.28	2.56	9.53	0.02
18/11/2023 05:00	14.6	354272.3	56.06	2.59	9.55	0.04
18/11/2023 06:00	14.6	353532.7	56.31	2.81	9.52	0.04
18/11/2023 07:00	14.6	355128.4	57.55	2.69	9.50	0.02
18/11/2023 08:00	14.7	356655.9	54.98	2.66	9.44	0.02
18/11/2023 09:00	14.7	357381.2	54.10	2.66	9.29	0.02
18/11/2023 10:00	14.7	355944.8	55.31	2.44	9.05	0.02
18/11/2023 11:00	14.7	358206.1	55.51	2.12	9.08	0.02
18/11/2023 12:00	14.6	291309.3	56.08	2.09	8.77	0.04
18/11/2023 13:00	14.6	337026.4	53.01	2.04	8.98	0.02
18/11/2023 14:00	14.6	337936.6	53.88	1.91	8.95	0.02
18/11/2023 15:00	14.6	337666.4	53.04	1.64	8.80	0.02
18/11/2023 16:00	14.6	337626.6	53.02	1.73	8.82	0.02
18/11/2023 17:00	14.6	335501.8	52.35	1.67	8.89	0.02
18/11/2023 18:00	14.5	329340.7	50.46	1.79	8.81	0.04
18/11/2023 19:00	14.6	330529.7	49.97	1.93	8.93	0.07
18/11/2023 20:00	14.6	329815.7	50.16	2.02	9.08	0.07
18/11/2023 21:00	14.6	328743.3	50.16	2.08	9.10	0.07
18/11/2023 22:00	14.6	330048.9	50.90	2.17	9.11	0.04
18/11/2023 23:00	14.6	325435.9	55.31	2.48	9.54	0.04
19/11/2023 00:00	14.5	352739.1	48.80	2.43	9.29	0.04
19/11/2023 01:00	14.5	352050.7	47.53	2.37	9.20	0.02
19/11/2023 02:00	14.5	351578.6	47.43	2.58	9.30	0.02
19/11/2023 03:00	14.5	351015.3	46.86	2.58	9.32	0.04
19/11/2023 04:00	14.5	351635.4	46.33	2.57	9.38	0.02
19/11/2023 05:00	14.5	350958.5	46.53	2.51	9.37	0.02
19/11/2023 06:00	14.6	351419.3	51.29	2.80	9.39	0.02
19/11/2023 07:00	14.6	352796.0	53.84	2.84	9.37	0.02
19/11/2023 08:00	14.6	353950.8	54.70	2.60	9.27	0.02
19/11/2023 09:00	14.6	353939.4	54.98	2.60	9.16	0.02
19/11/2023 10:00	14.6	356121.1	55.69	2.41	9.07	0.02
19/11/2023 11:00	14.6	356445.4	56.09	2.21	9.02	0.00
19/11/2023 12:00	14.6	357631.5	57.33	2.12	9.12	0.00
19/11/2023 13:00	14.6	356488.1	56.53	2.14	9.08	0.00
19/11/2023 14:00	14.6	356581.9	56.46	2.00	8.95	0.00
19/11/2023 15:00	14.6	357546.2	56.72	1.73	8.94	0.00
19/11/2023 16:00	14.5	326786.4	54.23	1.84	8.57	0.02
19/11/2023 17:00	14.5	291990.5	51.44	1.90	8.48	0.02
19/11/2023 18:00	14.5	321948.0	47.74	1.86	8.60	0.04
19/11/2023 19:00	14.5	323506.7	48.44	2.02	8.72	0.07
19/11/2023 20:00	14.5	326459.3	48.39	2.28	8.88	0.09
19/11/2023 21:00	14.5	317414.9	51.20	2.24	9.04	0.09
19/11/2023 22:00	14.6	352579.8	52.90	2.24	9.18	0.04
19/11/2023 23:00	14.6	352935.3	53.34	2.44	9.13	0.04
20/11/2023 00:00	14.6	352949.6	53.60	2.46	9.18	0.04
20/11/2023 01:00	14.6	351996.3	53.06	2.58	9.19	0.04
20/11/2023 02:00	14.5	351353.8	52.72	2.62	9.11	0.04
20/11/2023 03:00	14.5	351971.1	52.35	2.77	9.25	0.04
20/11/2023 04:00	14.5	351240.1	51.25	2.74	9.42	0.02
20/11/2023 05:00	14.5	350830.5	50.99	2.74	9.55	0.02

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/11/2023 06:00	14.5	351060.9	51.18	3.00	9.59	0.02
20/11/2023 07:00	14.5	352013.8	51.54	2.95	9.45	0.02
20/11/2023 08:00	14.6	353376.3	52.49	2.85	9.25	0.02
20/11/2023 09:00	14.6	355424.3	53.32	2.53	9.05	0.00
20/11/2023 10:00	14.6	356456.8	54.19	2.51	8.84	0.00
20/11/2023 11:00	14.6	355754.2	54.81	2.28	8.96	0.00
20/11/2023 12:00	14.6	272839.8	53.50	2.21	8.82	0.02
20/11/2023 13:00	14.5	343855.9	49.57	1.93	9.06	0.00
20/11/2023 14:00	14.5	345522.7	52.35	1.97	9.02	0.02
20/11/2023 15:00	14.5	344467.4	51.45	1.73	8.84	0.02
20/11/2023 16:00	14.5	345608.1	51.83	1.58	8.96	0.02
20/11/2023 17:00	14.5	344404.9	51.96	1.81	8.97	0.02
20/11/2023 18:00	14.5	338713.1	50.02	1.98	8.95	0.02
20/11/2023 19:00	14.5	337771.6	48.44	2.00	8.94	0.04
20/11/2023 20:00	14.5	340416.9	48.47	2.02	9.03	0.04
20/11/2023 21:00	14.5	340277.6	48.51	2.28	9.22	0.07
20/11/2023 22:00	14.5	335151.9	47.69	2.26	9.22	0.07
20/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
21/11/2023 13:00	14.5	348950.3	50.98	2.10	8.91	0.00
21/11/2023 14:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
21/11/2023 15:00	14.5	351271.3	55.97	1.94	6.53	0.02
21/11/2023 16:00	14.5	351604.2	54.43	1.83	6.50	0.02
21/11/2023 17:00	14.5	348441.1	52.48	1.78	6.51	0.00
21/11/2023 18:00	14.5	341870.5	49.60	2.04	6.32	0.02
21/11/2023 19:00	14.5	340698.6	48.61	2.14	6.43	0.04
21/11/2023 20:00	14.5	343221.6	47.81	2.17	6.78	0.06
21/11/2023 21:00	14.5	343275.6	47.42	2.21	6.55	0.09
21/11/2023 22:00	14.5	340095.5	46.84	2.42	6.66	0.11
21/11/2023 23:00	14.5	329429.5	47.65	2.38	6.82	0.09
22/11/2023 00:00	14.5	353939.4	47.30	2.38	6.87	0.13
22/11/2023 01:00	14.5	353350.6	47.04	2.52	7.15	0.13
22/11/2023 02:00	14.5	353137.3	47.85	2.65	7.25	0.06
22/11/2023 03:00	14.5	352938.2	47.97	2.65	7.31	0.06
22/11/2023 04:00	14.5	353006.5	48.27	2.67	7.20	0.06
22/11/2023 05:00	14.5	352622.5	48.80	2.85	7.17	0.04
22/11/2023 06:00	14.5	352210.0	48.78	2.74	7.23	0.06
22/11/2023 07:00	14.5	353379.1	49.72	2.69	7.09	0.04
22/11/2023 08:00	14.5	354787.1	51.43	2.79	6.90	0.04
22/11/2023 09:00	14.5	358664.1	54.09	2.60	6.67	0.02
22/11/2023 10:00	14.5	358251.6	56.08	2.35	6.55	0.02
22/11/2023 11:00	14.5	356271.9	56.31	2.14	6.45	0.02
22/11/2023 12:00	14.5	317956.6	52.58	2.18	6.26	0.04
22/11/2023 13:00	14.4	349957.2	49.00	1.99	6.49	0.02
22/11/2023 14:00	14.4	350881.7	50.59	1.76	6.24	0.11
22/11/2023 15:00	14.4	351240.1	52.81	1.89	6.08	0.09
22/11/2023 16:00	14.5	350844.7	52.00	1.86	6.11	0.13
22/11/2023 17:00	14.5	343523.1	49.96	1.76	5.99	0.04
22/11/2023 18:00	14.5	336574.1	48.15	2.10	6.06	0.04
22/11/2023 19:00	14.5	338792.8	46.26	2.16	6.12	0.15
22/11/2023 20:00	14.5	340618.9	45.61	2.08	6.42	0.17
22/11/2023 21:00	14.5	341765.2	46.59	2.23	6.67	0.11
22/11/2023 22:00	14.5	341375.5	47.04	2.44	6.38	0.09
22/11/2023 23:00	14.5	340253.1	48.68	2.38	6.81	0.11

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/11/2023 00:00	14.5	353896.8	49.22	2.28	7.00	0.07
23/11/2023 01:00	14.5	352733.4	49.19	2.58	6.95	0.06
23/11/2023 02:00	14.5	352579.8	49.81	2.54	6.94	0.04
23/11/2023 03:00	14.5	351988.2	48.88	2.49	6.94	0.04
23/11/2023 04:00	14.5	350867.4	48.86	2.68	6.94	0.04
23/11/2023 05:00	14.5	351621.2	49.45	2.73	6.93	0.04
23/11/2023 06:00	14.5	353299.4	49.77	2.58	7.05	0.04
23/11/2023 07:00	14.5	354599.3	50.55	2.68	7.03	0.02
23/11/2023 08:00	14.6	356553.5	52.56	2.80	6.94	0.02
23/11/2023 09:00	14.6	358536.1	53.08	2.52	6.81	0.02
23/11/2023 10:00	14.5	356741.2	54.43	2.15	6.63	0.02
23/11/2023 11:00	14.5	352827.3	54.80	2.13	6.49	0.02
23/11/2023 12:00	14.5	290580.9	50.53	2.01	6.06	0.02
23/11/2023 13:00	14.5	347920.6	52.40	1.88	6.46	0.02
23/11/2023 14:00	14.5	350108.0	52.58	1.79	6.48	0.02
23/11/2023 15:00	14.5	350730.9	51.87	1.71	6.45	0.02
23/11/2023 16:00	14.5	349394.0	51.67	1.73	6.53	0.02
23/11/2023 17:00	14.5	346341.9	50.07	1.78	6.29	0.02
23/11/2023 18:00	14.5	340411.3	47.59	2.01	6.21	0.02
23/11/2023 19:00	14.5	339404.3	46.72	1.97	6.19	0.04
23/11/2023 20:00	14.5	341406.8	46.27	1.95	6.41	0.04
23/11/2023 21:00	14.5	342538.9	46.14	2.12	6.76	0.06
23/11/2023 22:00	14.5	342632.8	45.87	2.16	6.74	0.09
23/11/2023 23:00	14.5	341197.5	46.60	2.18	6.67	0.13
24/11/2023 00:00	14.5	353404.7	46.90	2.17	6.80	0.11
24/11/2023 01:00	14.5	352750.5	47.65	2.34	6.93	0.06
24/11/2023 02:00	14.5	352591.2	48.15	2.32	6.97	0.02
24/11/2023 03:00	14.5	353905.3	48.89	2.62	7.08	0.02
24/11/2023 04:00	14.5	353154.4	48.27	2.42	7.05	0.02
24/11/2023 05:00	14.5	353299.4	48.14	2.51	7.24	0.02
24/11/2023 06:00	14.5	354440.1	48.50	2.62	7.36	0.00
24/11/2023 07:00	14.5	356451.1	49.53	2.57	7.18	0.00
24/11/2023 08:00	14.5	357455.2	50.68	2.47	6.97	0.00
24/11/2023 09:00	14.6	359048.1	52.73	2.36	6.83	0.00
24/11/2023 10:00	14.5	357739.6	54.53	2.18	6.69	0.00
24/11/2023 11:00	14.5	355245.0	54.88	1.98	6.66	0.00
24/11/2023 12:00	14.5	302408.7	50.09	1.99	6.25	0.02
24/11/2023 13:00	14.5	348216.4	51.58	1.88	6.53	0.02
24/11/2023 14:00	14.5	350688.3	51.98	1.60	6.52	0.02
24/11/2023 15:00	14.5	348990.1	51.57	1.65	6.40	0.02
24/11/2023 16:00	14.5	350691.1	51.43	1.69	6.52	0.04
24/11/2023 17:00	14.5	346984.8	49.05	1.65	6.44	0.04
24/11/2023 18:00	14.5	341566.1	47.40	1.81	6.52	0.07
24/11/2023 19:00	14.5	341108.2	45.44	1.98	6.66	0.07
24/11/2023 20:00	14.5	341731.1	46.98	1.94	6.66	0.07
24/11/2023 21:00	14.5	341301.6	47.51	2.01	6.78	0.15
24/11/2023 22:00	14.5	341335.7	47.08	2.24	6.78	0.13
24/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
25/11/2023 13:00	14.5	348577.7	50.40	1.97	6.74	0.00
25/11/2023 14:00	14.5	349340.0	53.60	1.78	6.79	0.00
25/11/2023 15:00	14.5	349533.4	53.36	1.69	6.69	0.00
25/11/2023 16:00	14.5	348114.0	52.89	1.79	6.73	0.00
25/11/2023 17:00	14.5	340786.7	50.42	1.88	6.71	0.02

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/11/2023 18:00	14.5	336696.4	49.04	1.79	6.67	0.04
25/11/2023 19:00	14.6	339188.2	49.68	2.13	6.77	0.00
25/11/2023 20:00	14.6	340229.2	49.56	2.09	6.83	0.00
25/11/2023 21:00	14.6	341523.4	49.22	1.97	6.86	0.00
25/11/2023 22:00	14.5	340783.9	48.78	2.10	6.93	0.02
25/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 18:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 19:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 20:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
26/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 18:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 19:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
27/11/2023 20:00	14.5	234853.8	53.75	2.00	9.19	0.35
27/11/2023 21:00	14.6	349760.9	51.55	2.01	5.01	0.35
27/11/2023 22:00	14.6	345320.8	50.72	2.17	5.17	0.18
27/11/2023 23:00	14.6	339420.9	51.90	2.21	5.12	0.04
28/11/2023 00:00	14.6	358968.4	50.85	2.21	5.21	0.09
28/11/2023 01:00	14.5	358752.3	50.10	2.29	5.13	0.04
28/11/2023 02:00	14.5	358556.0	49.85	2.35	4.86	0.02
28/11/2023 03:00	14.5	357898.9	49.06	2.43	4.76	0.02
28/11/2023 04:00	14.5	357989.9	49.27	2.44	4.63	0.02
28/11/2023 05:00	14.5	358169.1	49.53	2.55	4.55	0.00
28/11/2023 06:00	14.5	357876.2	50.07	2.51	4.38	0.02
28/11/2023 07:00	14.6	358749.4	51.05	2.52	4.27	0.00
28/11/2023 08:00	14.6	359298.4	52.28	2.59	4.19	0.00
28/11/2023 09:00	14.6	359480.4	53.07	2.49	4.10	0.00
28/11/2023 10:00	14.6	358720.9	53.24	2.40	4.04	0.00
28/11/2023 11:00	14.6	357236.2	53.51	2.13	3.95	0.02

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/11/2023 12:00	14.5	278450.4	49.92	2.15	3.38	0.04
28/11/2023 13:00	14.6	348503.7	51.11	2.08	3.75	0.02
28/11/2023 14:00	14.6	350392.4	51.49	2.00	3.71	0.02
28/11/2023 15:00	14.6	350014.1	50.26	2.04	3.55	0.00
28/11/2023 16:00	14.5	348694.3	49.17	2.14	3.74	0.02
28/11/2023 17:00	14.5	347906.4	48.00	2.20	3.53	0.02
28/11/2023 18:00	14.5	344111.9	46.92	2.22	3.61	0.04
28/11/2023 19:00	14.5	343929.8	45.91	2.36	3.88	0.04
28/11/2023 20:00	14.5	343836.0	45.73	2.45	3.98	0.09
28/11/2023 21:00	14.5	344379.3	45.31	2.29	4.11	0.09
28/11/2023 22:00	14.5	344060.7	45.79	2.40	4.15	0.04
28/11/2023 23:00	14.4	319343.6	44.36	2.49	3.89	0.04
29/11/2023 00:00	14.4	326382.5	44.00	2.57	3.82	0.04
29/11/2023 01:00	14.4	328146.0	44.19	2.60	3.99	0.02
29/11/2023 02:00	14.4	326203.3	44.03	2.83	3.96	0.02
29/11/2023 03:00	14.4	325182.1	43.65	2.76	3.96	0.02
29/11/2023 04:00	14.4	323848.1	43.62	2.63	3.99	0.02
29/11/2023 05:00	14.4	318301.4	44.19	2.70	4.02	0.02
29/11/2023 06:00	14.4	317539.1	44.73	2.77	3.99	0.02
29/11/2023 07:00	14.4	325711.2	44.56	2.75	4.04	0.02
29/11/2023 08:00	14.5	332478.1	45.76	2.62	3.93	0.00
29/11/2023 09:00	14.5	336798.8	46.97	2.65	3.86	0.00
29/11/2023 10:00	14.5	339264.9	47.39	2.43	3.91	0.00
29/11/2023 11:00	14.5	334307.1	46.68	2.19	3.88	0.00
29/11/2023 12:00	14.5	284733.8	47.39	2.18	3.76	0.00
29/11/2023 13:00	14.5	350725.2	46.15	2.16	3.91	0.00
29/11/2023 14:00	14.5	351416.4	48.61	2.02	3.82	0.00
29/11/2023 15:00	14.5	351129.1	48.82	2.00	4.02	0.00
29/11/2023 16:00	14.5	351444.9	48.67	2.17	3.97	0.00
29/11/2023 17:00	14.5	349436.7	47.40	2.06	3.84	0.00
29/11/2023 18:00	14.5	344165.9	46.16	2.14	3.92	0.00
29/11/2023 19:00	14.5	343787.6	45.68	2.25	4.01	0.00
29/11/2023 20:00	14.5	346202.6	46.10	2.32	4.08	0.00
29/11/2023 21:00	14.5	347047.3	46.50	2.37	4.00	0.02
29/11/2023 22:00	14.5	345522.7	46.33	2.39	4.15	0.02
29/11/2023 23:00	14.4	321201.0	43.31	2.37	3.89	0.02
30/11/2023 00:00	14.4	328763.3	42.64	2.36	3.88	0.02
30/11/2023 01:00	14.4	330020.5	43.24	2.47	3.88	0.02
30/11/2023 02:00	14.4	329352.1	43.16	2.42	3.90	0.02
30/11/2023 03:00	14.4	328089.1	43.24	2.66	3.81	0.02
30/11/2023 04:00	14.4	326271.5	42.66	2.52	3.84	0.02
30/11/2023 05:00	14.4	321942.3	42.36	2.54	3.90	0.00
30/11/2023 06:00	14.4	321632.3	42.60	2.54	3.91	0.02
30/11/2023 07:00	14.4	329508.5	43.57	2.66	4.00	0.00
30/11/2023 08:00	14.5	337285.2	44.53	2.51	3.98	0.00
30/11/2023 09:00	14.5	339657.5	45.08	2.36	3.90	0.00
30/11/2023 10:00	14.5	339663.2	45.10	2.39	3.75	0.00
30/11/2023 11:00	14.5	337629.4	44.75	2.20	3.63	0.00
30/11/2023 12:00	14.5	302951.5	45.63	1.94	3.56	0.00
30/11/2023 13:00	14.5	351567.2	48.25	1.87	3.84	0.00
30/11/2023 14:00	14.4	352918.3	49.52	1.72	3.74	0.00
30/11/2023 15:00	14.5	353433.1	49.09	1.66	3.71	0.00
30/11/2023 16:00	14.4	354368.9	49.49	1.66	3.70	0.00
30/11/2023 17:00	14.5	351049.5	46.80	1.76	3.73	0.00
30/11/2023 18:00	14.5	344874.2	44.53	1.90	3.74	0.00
30/11/2023 19:00	14.5	344814.5	44.07	1.99	3.86	0.02
30/11/2023 20:00	14.5	346455.7	44.73	2.10	3.96	0.00
30/11/2023 21:00	14.5	347408.6	45.23	2.13	4.01	0.00
30/11/2023 22:00	14.5	347821.0	45.60	2.23	4.08	0.00
30/11/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
Minimum	14.25	192,102.20	37.07	1.03	3.38	0.00
Maximum	16.44	359,480.40	57.55	3.30	17.11	3.05
Avg	14.46	332,691.67	45.26	1.88	7.90	0.20
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/11/2023 00:00	14.57	352,269.80	26.94	2.02	20.86	1.12
01/11/2023 01:00	14.57	352,238.50	27.47	2.17	20.82	1.21
01/11/2023 02:00	14.57	352,471.70	27.34	2.20	21.01	1.16
01/11/2023 03:00	14.56	350,025.50	26.99	2.17	20.87	1.16
01/11/2023 04:00	14.56	347,821.00	27.41	2.24	20.78	1.16
01/11/2023 05:00	14.55	341,751.00	27.89	2.28	19.94	1.16
01/11/2023 06:00	14.57	343,187.40	28.13	2.28	20.03	1.12
01/11/2023 07:00	14.60	350,602.90	28.81	2.32	20.36	1.13
01/11/2023 08:00	14.64	357,910.30	29.82	2.38	20.21	1.09
01/11/2023 09:00	14.66	360,976.60	30.43	2.41	19.45	1.07
01/11/2023 10:00	14.68	358,132.20	30.88	2.39	18.39	1.05
01/11/2023 11:00	14.69	358,092.30	30.75	2.35	18.15	1.05
01/11/2023 12:00	14.67	304730.5	33.96	2.21	14.28	1.03
01/11/2023 13:00	14.72	371014.6	30.79	2.18	19.77	1.03
01/11/2023 14:00	14.73	372032.9	30.95	2.16	19.89	1.06
01/11/2023 15:00	14.73	372968.8	31.13	2.12	19.64	1.06
01/11/2023 16:00	14.73	374331.3	31.20	2.05	20.10	1.04
01/11/2023 17:00	14.72	372456.8	30.97	2.09	20.29	1.06
01/11/2023 18:00	14.66	364998.6	29.96	2.05	20.05	1.09
01/11/2023 19:00	14.65	365115.3	29.76	2.07	20.57	1.13
01/11/2023 20:00	14.66	369600.9	30.01	2.14	20.85	1.14
01/11/2023 21:00	14.65	368952.4	29.89	2.14	21.08	1.13
01/11/2023 22:00	14.64	367100.7	29.75	2.18	21.21	1.15
01/11/2023 23:00	14.61	344333.6	29.48	2.17	19.25	1.15
02/11/2023 00:00	14.61	354223.9	27.95	2.14	20.24	1.15
02/11/2023 01:00	14.60	355074.4	27.69	2.10	20.34	1.13
02/11/2023 02:00	14.59	353339.3	27.62	2.18	20.57	1.26
02/11/2023 03:00	14.58	349880.4	28.48	2.49	20.54	1.30
02/11/2023 04:00	14.58	349880.4	27.43	2.22	20.72	1.19
02/11/2023 05:00	14.55	342712.4	27.34	2.25	20.36	1.20
02/11/2023 06:00	14.56	342959.9	27.30	2.28	20.06	1.23
02/11/2023 07:00	14.60	352898.4	28.06	2.34	20.28	1.19
02/11/2023 08:00	14.64	359503.2	29.07	2.33	19.81	1.11
02/11/2023 09:00	14.67	363562.2	30.10	2.43	19.46	1.09
02/11/2023 10:00	14.67	362600.8	30.25	2.45	18.47	1.14
02/11/2023 11:00	14.69	363229.4	29.72	2.37	18.69	1.21
02/11/2023 12:00	14.69	310895.7	31.20	2.28	15.04	1.41
02/11/2023 13:00	14.79	369205.6	30.07	2.32	19.31	1.41
02/11/2023 14:00	14.76	371907.8	30.61	2.24	19.15	1.43
02/11/2023 15:00	14.74	372411.3	31.57	2.17	18.46	1.29
02/11/2023 16:00	14.72	372340.2	30.63	2.20	18.38	1.60
02/11/2023 17:00	14.72	371509.6	29.40	2.20	18.89	1.98
02/11/2023 18:00	14.66	365322.9	28.27	2.18	18.53	1.87
02/11/2023 19:00	14.64	365112.4	27.91	2.18	19.32	1.29
02/11/2023 20:00	14.64	368665.1	27.40	2.18	19.58	1.53
02/11/2023 21:00	14.64	368588.3	28.20	2.29	19.76	1.40
02/11/2023 22:00	14.62	367501.8	27.45	2.26	20.27	1.35
02/11/2023 23:00	14.58	344932.3	27.69	2.31	19.95	1.41
03/11/2023 00:00	14.58	355660.3	26.50	2.24	20.94	1.41
03/11/2023 01:00	14.57	355239.3	26.20	2.24	22.35	1.45
03/11/2023 02:00	14.55	355253.6	25.35	2.25	23.16	1.58
03/11/2023 03:00	14.54	352403.4	25.05	2.29	22.60	1.70
03/11/2023 04:00	14.53	351424.9	25.01	2.29	22.52	1.70
03/11/2023 05:00	14.52	344604	24.92	2.27	21.57	1.61
03/11/2023 06:00	14.53	345593.8	25.64	2.38	21.67	1.44
03/11/2023 07:00	14.58	353293.8	25.95	2.20	20.61	1.25
03/11/2023 08:00	14.63	361929.5	28.02	2.48	20.13	1.22
03/11/2023 09:00	14.67	366577.3	29.05	2.57	19.50	1.16
03/11/2023 10:00	14.70	367376.6	29.50	2.56	18.61	1.14
03/11/2023 11:00	14.73	365493.6	30.41	2.50	18.20	1.13
03/11/2023 12:00	14.72	312638	33.33	2.45	14.46	1.15
03/11/2023 13:00	14.73	368611.1	29.29	2.34	19.17	1.13
03/11/2023 14:00	14.73	372234.9	28.50	2.30	19.35	1.15
03/11/2023 15:00	14.71	370730.2	26.54	2.20	18.64	1.17
03/11/2023 16:00	14.73	375352.4	27.06	2.21	18.72	1.10
03/11/2023 17:00	14.66	366381	26.29	2.12	17.93	1.16

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/11/2023 18:00	14.60	361517	25.59	2.05	18.07	1.15
03/11/2023 19:00	14.59	363292	24.98	2.07	18.26	2.38
03/11/2023 20:00	14.65	368978	26.42	2.18	19.06	2.29
03/11/2023 21:00	14.64	370124.3	26.36	2.31	19.23	2.33
03/11/2023 22:00	14.62	371253.6	26.47	2.28	19.99	1.44
03/11/2023 23:00	14.60	346690.2	27.07	2.38	18.40	1.68
04/11/2023 00:00	14.60	358809.1	25.51	2.32	18.93	1.79
04/11/2023 01:00	14.58	356232.1	25.16	2.35	18.94	1.56
04/11/2023 02:00	14.58	356015.9	25.78	2.44	20.52	1.56
04/11/2023 03:00	14.57	352059.3	25.85	2.35	20.40	1.45
04/11/2023 04:00	14.55	349160.8	25.41	2.36	20.75	1.55
04/11/2023 05:00	14.51	343170.4	24.43	2.31	20.45	1.74
04/11/2023 06:00	14.52	342769.3	23.66	2.16	20.07	1.81
04/11/2023 07:00	14.57	351356.7	24.13	2.37	19.81	1.89
04/11/2023 08:00	14.62	358331.3	25.21	2.50	19.23	1.70
04/11/2023 09:00	14.66	358931.4	25.73	2.49	18.29	1.65
04/11/2023 10:00	14.69	358336.9	26.66	2.51	17.19	1.45
04/11/2023 11:00	14.70	357122.4	27.84	2.42	17.26	1.48
04/11/2023 12:00	14.69	309019.9	30.53	2.40	13.81	1.37
04/11/2023 13:00	14.71	367669.6	28.97	2.34	17.69	1.82
04/11/2023 14:00	14.71	368050.7	29.55	2.34	17.65	1.71
04/11/2023 15:00	14.70	369009.3	29.64	2.29	17.67	1.64
04/11/2023 16:00	14.62	369211.3	27.71	2.15	22.42	1.17
04/11/2023 17:00	14.57	362953.5	26.64	2.13	22.62	1.32
04/11/2023 18:00	14.58	357938.7	27.36	2.22	22.02	1.25
04/11/2023 19:00	14.58	358621.4	26.77	2.20	22.59	1.25
04/11/2023 20:00	14.59	359176.1	27.27	2.27	22.07	1.34
04/11/2023 21:00	14.60	359730.7	27.45	2.29	21.80	1.41
04/11/2023 22:00	14.61	361613.8	27.69	2.39	20.62	1.57
04/11/2023 23:00	14.57	336756.2	26.64	2.42	17.52	1.58
05/11/2023 00:00	14.56	346128.6	25.54	2.35	18.11	1.47
05/11/2023 01:00	14.55	346122.9	25.30	2.41	18.72	1.62
05/11/2023 02:00	14.56	347118.5	25.76	2.52	19.51	1.49
05/11/2023 03:00	14.56	344658	25.65	2.48	19.97	1.47
05/11/2023 04:00	14.56	343554.4	25.72	2.46	20.32	1.40
05/11/2023 05:00	14.55	340786.7	25.35	2.39	20.25	1.66
05/11/2023 06:00	14.52	334813.4	25.03	2.42	17.49	1.55
05/11/2023 07:00	14.53	333974.3	24.77	2.38	16.37	1.48
05/11/2023 08:00	14.56	335089.3	25.30	2.48	15.65	1.43
05/11/2023 09:00	14.58	336380.7	25.82	2.44	15.22	1.32
05/11/2023 10:00	14.61	336375	26.16	2.45	14.47	1.52
05/11/2023 11:00	14.62	334949.9	26.49	2.46	14.61	1.33
05/11/2023 12:00	14.64	336454.6	26.31	2.35	15.43	1.27
05/11/2023 13:00	14.67	340675.8	26.37	2.37	16.51	1.29
05/11/2023 14:00	14.65	338397.4	28.40	2.31	17.15	1.16
05/11/2023 15:00	14.60	337794.4	27.07	2.21	17.69	1.15
05/11/2023 16:00	14.56	331061.6	26.46	2.08	18.20	1.16
05/11/2023 17:00	14.63	314718.5	31.32	2.17	16.78	1.11
05/11/2023 18:00	14.61	353726.1	26.92	2.28	20.64	1.26
05/11/2023 19:00	14.59	354895.2	26.17	2.18	20.97	1.34
05/11/2023 20:00	14.60	356658.7	26.63	2.32	20.96	1.30
05/11/2023 21:00	14.57	338410.2	27.34	2.13	19.81	1.21
05/11/2023 22:00	14.54	341,173.60	25.72	2.16	20.30	1.29
05/11/2023 23:00	14.53	341,628.70	25.60	2.29	20.42	1.27
06/11/2023 00:00	14.54	340,087.00	26.40	2.49	19.43	1.42
06/11/2023 01:00	14.55	339,377.90	25.17	2.21	18.52	1.34
06/11/2023 02:00	14.53	336,562.70	25.66	2.36	19.57	1.24
06/11/2023 03:00	14.52	335,626.90	25.32	2.40	19.37	1.37
06/11/2023 04:00	14.51	334,207.50	25.06	2.41	19.03	1.26
06/11/2023 05:00	14.50	333,903.20	25.04	2.39	19.85	1.26
06/11/2023 06:00	14.51	334,944.30	25.19	2.48	19.25	1.31
06/11/2023 07:00	14.58	348,429.80	26.35	2.53	19.20	1.28
06/11/2023 08:00	14.63	362,327.70	27.87	2.53	19.49	1.20
06/11/2023 09:00	14.65	363,175.30	28.13	2.60	18.37	1.22
06/11/2023 10:00	14.68	365,152.30	28.38	2.57	17.59	1.18
06/11/2023 11:00	14.71	364,566.30	29.46	2.56	17.29	1.15

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/11/2023 12:00	14.72	324,667.00	31.13	2.47	15.14	1.44
06/11/2023 13:00	14.69	370,218.20	28.25	2.35	18.38	1.12
06/11/2023 14:00	14.67	374,755.10	26.08	2.30	18.61	1.25
06/11/2023 15:00	14.67	372,380.00	26.22	2.21	18.50	1.07
06/11/2023 16:00	14.63	370,519.70	27.60	2.19	19.71	1.06
06/11/2023 17:00	14.61	368750.5	27.80	2.14	20.77	1.04
06/11/2023 18:00	14.62	365311.5	27.87	2.10	20.16	1.17
06/11/2023 19:00	14.69	369948	29.21	2.35	20.14	1.16
06/11/2023 20:00	14.65	372069.9	28.42	2.34	21.53	1.22
06/11/2023 21:00	14.64	369635.1	29.13	2.24	22.54	1.13
06/11/2023 22:00	14.55	364577.7	28.52	2.19	23.84	1.40
06/11/2023 23:00	14.45	314582.1	26.51	2.28	17.84	1.14
07/11/2023 00:00	14.44	316142.5	25.30	2.35	18.76	1.14
07/11/2023 01:00	14.43	317692.7	25.22	2.45	20.43	1.14
07/11/2023 02:00	14.43	316028.7	24.47	2.47	18.13	1.57
07/11/2023 03:00	14.43	314211.1	24.21	2.43	16.26	1.59
07/11/2023 04:00	14.42	313582.5	23.68	2.49	16.02	2.21
07/11/2023 05:00	14.40	309142.3	23.31	2.52	16.57	2.12
07/11/2023 06:00	14.42	311813.2	23.45	2.53	17.87	1.54
07/11/2023 07:00	14.45	322144.3	23.68	2.44	19.63	1.29
07/11/2023 08:00	14.48	327500.3	24.42	2.42	17.97	1.34
07/11/2023 09:00	14.53	330307.8	25.81	2.60	15.67	1.37
07/11/2023 10:00	14.55	330472.8	25.65	2.52	15.43	1.55
07/11/2023 11:00	14.56	328015.2	26.13	2.48	15.35	1.23
07/11/2023 12:00	14.60	306767.2	27.80	2.43	13.86	1.70
07/11/2023 13:00	14.64	371865.1	26.49	2.40	18.52	1.62
07/11/2023 14:00	14.66	373947.3	27.00	2.41	18.31	1.56
07/11/2023 15:00	14.67	372738.4	27.58	2.43	18.96	1.32
07/11/2023 16:00	14.61	374231.7	26.34	2.19	22.54	1.22
07/11/2023 17:00	14.64	374476.3	27.05	2.26	21.78	1.13
07/11/2023 18:00	14.63	369822.8	27.64	2.37	22.66	1.13
07/11/2023 19:00	14.62	368776.1	27.95	2.37	22.07	1.28
07/11/2023 20:00	14.62	370354.7	28.02	2.37	21.67	1.15
07/11/2023 21:00	14.62	371469.8	28.02	2.48	21.25	1.35
07/11/2023 22:00	14.62	368611.1	27.71	2.46	22.38	1.22
07/11/2023 23:00	14.59	346994.6	27.71	2.45	21.57	1.32
08/11/2023 00:00	14.58	356900.5	26.81	2.53	22.54	1.32
08/11/2023 01:00	14.58	356843.6	27.01	2.60	22.46	1.36
08/11/2023 02:00	14.58	355310.5	26.28	2.55	21.69	1.56
08/11/2023 03:00	14.57	353006.5	24.66	2.28	19.46	1.95
08/11/2023 04:00	14.54	351609.8	24.61	2.43	19.21	1.44
08/11/2023 05:00	14.53	346205.4	24.77	2.51	18.81	1.35
08/11/2023 06:00	14.53	348529.3	24.64	2.55	18.90	1.48
08/11/2023 07:00	14.57	360640.9	24.97	2.61	18.51	2.04
08/11/2023 08:00	14.63	370602.2	26.45	2.73	18.38	1.66
08/11/2023 09:00	14.65	372411.3	27.09	2.69	18.46	1.22
08/11/2023 10:00	14.67	372354.4	27.98	2.68	18.70	1.18
08/11/2023 11:00	14.69	369965	28.16	2.64	18.24	1.14
08/11/2023 12:00	14.67	326711	29.14	2.57	15.53	1.16
08/11/2023 13:00	14.66	374180.5	26.33	2.43	18.69	1.14
08/11/2023 14:00	14.66	376185.8	25.71	2.41	18.69	1.14
08/11/2023 15:00	14.68	374957	25.61	2.46	18.01	1.47
08/11/2023 16:00	14.65	377707.6	25.87	2.34	19.64	1.07
08/11/2023 17:00	14.61	376902.6	26.08	2.25	20.99	1.06
08/11/2023 18:00	14.67	373836.3	28.16	2.37	21.08	1.20
08/11/2023 19:00	14.66	374069.6	28.38	2.41	21.32	1.31
08/11/2023 20:00	14.66	375417.8	28.45	2.41	21.45	1.25
08/11/2023 21:00	14.66	374445	27.22	2.36	22.01	1.29
08/11/2023 22:00	14.64	372627.4	26.98	2.44	22.45	1.40
08/11/2023 23:00	14.60	353728.9	26.26	2.43	21.09	1.37
09/11/2023 00:00	14.60	360197.2	26.94	2.49	22.02	1.35
09/11/2023 01:00	14.59	360882.7	26.37	2.49	22.87	1.39
09/11/2023 02:00	14.59	359972.5	25.95	2.51	22.36	1.52
09/11/2023 03:00	14.58	357241.8	25.53	2.55	20.21	1.94
09/11/2023 04:00	14.57	357150.8	25.58	2.48	20.38	2.02
09/11/2023 05:00	14.55	351032.4	25.06	2.45	19.99	1.86

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/11/2023 06:00	14.55	349999.9	24.56	2.30	21.06	1.16
09/11/2023 07:00	14.58	360740.5	26.19	2.51	22.13	1.14
09/11/2023 08:00	14.61	370121.5	27.11	2.63	22.12	1.15
09/11/2023 09:00	14.63	372675.8	27.27	2.57	21.53	1.13
09/11/2023 10:00	14.65	371788.3	27.62	2.58	20.19	1.13
09/11/2023 11:00	14.67	375176.1	28.74	2.57	19.81	1.09
09/11/2023 12:00	14.61	329650.7	28.57	2.56	17.92	1.10
09/11/2023 13:00	14.62	375141.9	27.31	2.41	23.99	1.08
09/11/2023 14:00	14.66	376723.4	29.94	2.58	22.19	1.07
09/11/2023 15:00	14.70	376120.4	28.99	2.62	21.77	1.12
09/11/2023 16:00	14.71	375457.7	28.90	2.60	20.95	1.19
09/11/2023 17:00	14.66	366696.8	27.35	2.54	19.54	1.78
09/11/2023 18:00	14.62	362780	27.18	2.55	19.43	1.31
09/11/2023 19:00	14.64	365539.1	27.44	2.51	20.54	1.20
09/11/2023 20:00	14.64	366563.1	28.18	2.53	21.63	1.20
09/11/2023 21:00	14.63	366059.6	28.42	2.59	22.26	1.24
09/11/2023 22:00	14.63	367260	28.22	2.62	22.39	1.29
09/11/2023 23:00	14.57	345864.1	26.15	2.50	20.03	1.36
10/11/2023 00:00	14.59	356618.9	26.87	2.62	21.19	1.43
10/11/2023 01:00	14.60	355902.1	27.01	2.58	20.63	1.35
10/11/2023 02:00	14.59	355057.3	26.24	2.60	19.56	1.48
10/11/2023 03:00	14.57	350998.3	25.78	2.68	19.92	1.47
10/11/2023 04:00	14.55	349325.8	24.93	2.60	19.74	1.77
10/11/2023 05:00	14.52	345033.5	24.03	2.48	19.19	1.74
10/11/2023 06:00	14.52	344578.4	24.27	2.57	20.24	1.83
10/11/2023 07:00	14.55	352750.5	24.52	2.47	20.53	1.58
10/11/2023 08:00	14.58	357958.6	25.89	2.62	21.16	1.34
10/11/2023 09:00	14.61	357938.7	26.61	2.63	19.80	1.24
10/11/2023 10:00	14.64	356098.4	27.18	2.58	17.76	1.11
10/11/2023 11:00	14.67	358058.2	27.69	2.57	17.16	1.16
10/11/2023 12:00	14.66	307876.4	30.78	2.47	14.21	1.27
10/11/2023 13:00	14.70	366904.4	27.82	2.49	18.23	1.30
10/11/2023 14:00	14.72	369379.1	28.77	2.50	19.12	1.08
10/11/2023 15:00	14.58	363351.7	28.00	2.22	20.19	1.25
10/11/2023 16:00	14.55	359614.1	27.14	2.30	22.28	1.40
10/11/2023 17:00	14.54	353137.3	26.36	2.38	19.89	1.42
10/11/2023 18:00	14.54	350531.8	25.83	2.38	19.74	1.33
10/11/2023 19:00	14.55	350349.8	26.29	2.41	20.23	1.34
10/11/2023 20:00	14.54	350688.3	26.29	2.40	20.39	1.22
10/11/2023 21:00	14.54	350605.8	26.16	2.43	22.34	1.25
10/11/2023 22:00	14.54	351959.7	25.31	2.29	21.40	1.51
10/11/2023 23:00	14.49	332048.6	24.76	2.49	19.95	1.24
11/11/2023 00:00	14.50	340505.1	24.91	2.45	20.85	1.50
11/11/2023 01:00	14.50	338403.1	24.82	2.54	20.55	1.24
11/11/2023 02:00	14.48	335348.2	24.44	2.55	21.04	1.32
11/11/2023 03:00	14.46	329764.5	23.72	2.53	21.07	1.27
11/11/2023 04:00	14.45	325807.9	23.49	2.54	21.03	1.36
11/11/2023 05:00	14.42	317860.5	22.97	2.57	21.84	1.39
11/11/2023 06:00	14.41	314287.9	22.68	2.55	21.12	1.37
11/11/2023 07:00	14.43	318153.5	23.35	2.56	20.58	1.27
11/11/2023 08:00	14.46	318964.2	23.72	2.57	19.10	1.21
11/11/2023 09:00	14.47	314814.1	23.76	2.53	16.65	1.17
11/11/2023 10:00	14.51	316190.8	24.41	2.61	15.23	1.15
11/11/2023 11:00	14.53	317490.7	25.05	2.64	14.93	1.16
11/11/2023 12:00	14.66	282632.1	32.17	2.56	12.72	0.96
11/11/2023 13:00	14.62	348486.6	25.45	2.52	18.08	1.08
11/11/2023 14:00	14.73	349596	27.26	2.59	17.98	1.19
11/11/2023 15:00	14.82	352340.9	27.46	2.54	18.27	1.26
11/11/2023 16:00	14.60	347693	26.96	2.27	20.14	1.04
11/11/2023 17:00	14.50	339168.3	26.37	2.24	16.38	1.15
11/11/2023 18:00	14.46	336210	25.64	2.29	13.88	1.60
11/11/2023 19:00	14.48	337908.2	25.63	2.34	15.55	1.10
11/11/2023 20:00	14.49	337700.5	25.65	2.39	15.33	1.19
11/11/2023 21:00	14.49	337438.8	25.50	2.43	21.88	1.15
11/11/2023 22:00	14.49	339060.2	25.57	2.54	23.77	1.17
11/11/2023 23:00	14.45	298698.6	26.14	2.56	20.26	1.12

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/11/2023 00:00	14.39	305822.8	22.59	2.58	18.83	1.13
12/11/2023 01:00	14.40	306590.8	22.45	2.61	21.19	1.15
12/11/2023 02:00	14.39	305831.3	22.14	2.65	20.33	1.17
12/11/2023 03:00	14.39	306249.5	22.04	2.65	18.58	1.22
12/11/2023 04:00	14.39	303538.7	22.38	2.67	21.16	1.24
12/11/2023 05:00	14.38	297616.6	22.66	2.64	18.76	1.19
12/11/2023 06:00	14.38	295619.8	22.68	2.66	20.38	1.17
12/11/2023 07:00	14.39	294291.4	22.40	2.65	18.34	1.09
12/11/2023 08:00	14.42	292391.3	21.94	2.68	16.47	1.07
12/11/2023 09:00	14.45	292647.3	21.96	2.63	14.59	1.06
12/11/2023 10:00	14.45	293568.9	22.07	2.54	13.81	1.08
12/11/2023 11:00	14.44	293807.9	21.73	2.47	14.09	1.10
12/11/2023 12:00	14.45	294348.3	22.18	2.46	13.86	1.08
12/11/2023 13:00	14.46	294931.4	22.68	2.46	13.66	1.08
12/11/2023 14:00	14.46	295434.9	22.73	2.42	13.14	1.10
12/11/2023 15:00	14.43	295781.9	21.78	2.32	14.31	1.65
12/11/2023 16:00	14.45	291466.9	23.62	2.37	13.51	1.23
12/11/2023 17:00	14.61	297249.7	31.05	2.39	15.60	1.22
12/11/2023 18:00	14.53	335715.1	26.01	2.42	18.44	1.22
12/11/2023 19:00	14.55	336093.4	26.38	2.45	19.94	1.09
12/11/2023 20:00	14.55	337674.9	26.38	2.50	19.96	1.07
12/11/2023 21:00	14.55	313196.7	29.31	2.54	17.71	1.05
12/11/2023 22:00	14.40	296891.3	23.25	2.54	16.38	1.13
12/11/2023 23:00	14.40	297411.8	23.22	2.57	16.64	1.18
13/11/2023 00:00	14.40	296567	23.35	2.59	16.62	1.18
13/11/2023 01:00	14.41	297204.5	23.52	2.63	16.15	1.20
13/11/2023 02:00	14.40	296601.1	23.48	2.65	16.53	1.20
13/11/2023 03:00	14.40	295958.3	23.46	2.69	18.07	1.22
13/11/2023 04:00	14.38	295938.4	22.92	2.71	20.49	1.24
13/11/2023 05:00	14.37	296365	22.48	2.68	17.54	1.34
13/11/2023 06:00	14.39	300463.9	22.55	2.69	19.64	1.39
13/11/2023 07:00	14.44	314825.5	22.96	2.65	20.18	1.36
13/11/2023 08:00	14.51	329,101.80	24.73	2.63	18.23	1.17
13/11/2023 09:00	14.56	332,512.30	25.78	2.57	16.90	1.07
13/11/2023 10:00	14.56	329,024.90	25.72	2.46	15.90	1.05
13/11/2023 11:00	14.57	326,985.50	26.26	2.50	15.52	1.08
13/11/2023 12:00	14.59	299,893.30	28.62	2.53	13.75	1.06
13/11/2023 13:00	14.70	367,954.00	29.19	2.56	19.62	0.99
13/11/2023 14:00	14.72	369,481.50	29.60	2.52	19.91	1.03
13/11/2023 15:00	14.72	370,903.70	29.94	2.52	20.00	1.03
13/11/2023 16:00	14.72	372,900.50	29.49	2.43	20.15	1.01
13/11/2023 17:00	14.71	370337.7	29.73	2.45	20.34	1.06
13/11/2023 18:00	14.63	336802.9	28.71	2.51	17.60	1.22
13/11/2023 19:00	14.58	332921.8	26.41	2.40	17.55	1.28
13/11/2023 20:00	14.58	337845.6	26.39	2.40	18.28	1.30
13/11/2023 21:00	14.56	336252.7	25.80	2.41	18.04	1.45
13/11/2023 22:00	14.57	334893	25.54	2.39	17.52	1.62
13/11/2023 23:00	14.55	333638.6	24.45	2.34	17.77	1.93
14/11/2023 00:00	14.51	331670.3	23.04	2.31	17.88	1.72
14/11/2023 01:00	14.51	334748	24.08	2.44	18.40	1.57
14/11/2023 02:00	14.50	331818.2	24.54	2.48	19.35	1.32
14/11/2023 03:00	14.50	327935.5	24.78	2.50	18.98	1.22
14/11/2023 04:00	14.51	327787.6	25.15	2.55	19.12	1.35
14/11/2023 05:00	14.49	323407.2	24.59	2.45	19.08	1.28
14/11/2023 06:00	14.52	328899.8	25.51	2.53	19.00	1.15
14/11/2023 07:00	14.57	342615.7	27.23	2.64	20.07	1.16
14/11/2023 08:00	14.61	350523.3	27.80	2.65	20.64	1.13
14/11/2023 09:00	14.69	334642	34.47	2.73	19.52	1.05
14/11/2023 10:00	calibrate	calibrate	calibrate	calibrate	calibrate	calibrate
14/11/2023 11:00	calibrate	calibrate	calibrate	calibrate	calibrate	calibrate
14/11/2023 12:00	14.73	260866.8	42.76	2.70	12.03	1.15
14/11/2023 13:00	14.68	366622.8	31.02	2.57	19.84	1.07
14/11/2023 14:00	14.70	369219.8	31.88	2.49	19.84	1.08
14/11/2023 15:00	14.69	369717.6	31.54	2.51	19.36	1.10
14/11/2023 16:00	14.68	370229.6	31.67	2.46	19.87	1.10
14/11/2023 17:00	14.67	367117.8	31.79	2.45	19.86	1.12

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/11/2023 18:00	14.63	361141.6	31.01	2.42	20.09	1.17
14/11/2023 19:00	14.62	360399.2	29.95	2.26	20.27	1.17
14/11/2023 20:00	14.61	362879.5	31.03	2.65	20.57	1.28
14/11/2023 21:00	14.60	362876.7	30.12	2.36	20.78	1.19
14/11/2023 22:00	14.59	360771.8	30.27	2.53	20.51	1.26
14/11/2023 23:00	14.55	329225.3	29.73	2.43	17.82	1.23
15/11/2023 00:00	14.53	335001.1	28.87	2.55	18.57	1.29
15/11/2023 01:00	14.53	335314	29.09	2.55	18.77	1.22
15/11/2023 02:00	14.52	332125.4	28.91	2.55	18.87	1.20
15/11/2023 03:00	14.52	329955.1	28.85	2.61	18.54	1.20
15/11/2023 04:00	14.51	330117.2	28.93	2.70	18.88	1.24
15/11/2023 05:00	14.50	325486.5	28.78	2.74	18.66	1.24
15/11/2023 06:00	14.51	326857.5	28.89	2.72	18.84	1.24
15/11/2023 07:00	14.57	342214.6	29.84	2.64	19.32	1.19
15/11/2023 08:00	14.62	352013.8	30.43	2.57	19.43	1.13
15/11/2023 09:00	14.63	353620.9	31.28	2.70	19.07	1.17
15/11/2023 10:00	14.63	354940.7	31.19	2.62	19.46	1.13
15/11/2023 11:00	14.63	350136.4	30.84	2.59	18.31	1.13
15/11/2023 12:00	14.68	314954.6	35.15	2.64	15.60	1.12
15/11/2023 13:00	14.68	363340.3	29.95	2.50	19.53	1.18
15/11/2023 14:00	14.73	367791.9	31.79	2.50	19.73	1.10
15/11/2023 15:00	14.72	366807.7	31.67	2.47	19.25	1.12
15/11/2023 16:00	14.69	366034	31.67	2.42	19.56	1.10
15/11/2023 17:00	14.60	358880.3	29.92	2.25	20.43	1.13
15/11/2023 18:00	14.58	354121.5	29.32	2.31	20.92	1.19
15/11/2023 19:00	14.55	353984.9	29.33	2.52	21.69	1.25
15/11/2023 20:00	14.55	354556.7	27.49	2.15	21.65	1.16
15/11/2023 21:00	14.57	356581.9	28.74	2.39	20.90	1.30
15/11/2023 22:00	14.58	357324.3	29.23	2.46	21.14	1.21
15/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/11/2023 13:00	14.67	369953.7	30.28	2.59	20.68	1.00
16/11/2023 14:00	14.72	370144.3	32.12	2.61	20.40	1.01
16/11/2023 15:00	14.73	371347.4	32.10	2.57	19.98	1.04
16/11/2023 16:00	14.71	371907.8	31.35	2.45	20.39	1.10
16/11/2023 17:00	14.66	366346.9	29.23	2.49	20.27	3.25
16/11/2023 18:00	14.62	359921.3	28.75	2.46	20.23	1.35
16/11/2023 19:00	14.62	360939.6	28.95	2.50	20.47	1.20
16/11/2023 20:00	14.62	361554	29.57	2.52	20.08	1.15
16/11/2023 21:00	14.60	360231.3	29.48	2.45	21.03	1.10
16/11/2023 22:00	14.58	359668.2	29.32	2.49	21.82	1.12
16/11/2023 23:00	14.56	355008.9	29.12	2.54	19.16	1.12
17/11/2023 00:00	14.63	376592.6	31.99	2.68	21.28	1.11
17/11/2023 01:00	14.67	377042	33.62	2.66	21.60	1.12
17/11/2023 02:00	14.67	376888.4	34.31	2.66	21.53	1.12
17/11/2023 03:00	14.67	376274	34.05	2.48	21.75	1.03
17/11/2023 04:00	14.67	375423.5	35.36	2.70	21.71	1.12
17/11/2023 05:00	14.66	375304.1	35.62	2.72	22.16	1.11
17/11/2023 06:00	14.66	374766.5	35.37	2.65	22.23	1.14
17/11/2023 07:00	14.66	374294.3	35.46	2.76	21.96	1.16
17/11/2023 08:00	14.68	375716.5	35.89	2.82	21.52	1.16
17/11/2023 09:00	14.70	376515.8	35.76	2.74	20.78	1.08
17/11/2023 10:00	14.71	377636.5	36.67	2.94	20.68	1.12
17/11/2023 11:00	14.71	378242.4	36.89	2.83	20.88	1.12

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/11/2023 12:00	14.64	325462.1	36.59	2.75	16.21	1.22
17/11/2023 13:00	14.67	361372	34.85	2.74	20.26	1.25
17/11/2023 14:00	14.69	362777.1	35.34	2.80	20.86	1.23
17/11/2023 15:00	14.70	364239.2	35.29	2.69	20.67	1.19
17/11/2023 16:00	14.70	364600.4	35.36	2.62	20.89	1.19
17/11/2023 17:00	14.67	360965.2	34.05	2.45	20.86	1.20
17/11/2023 18:00	14.65	356052.9	33.52	2.54	20.77	1.22
17/11/2023 19:00	14.64	355455.5	33.11	2.53	20.83	1.22
17/11/2023 20:00	14.64	355666	33.08	2.58	21.03	1.22
17/11/2023 21:00	14.63	356180.9	33.21	2.66	21.35	1.24
17/11/2023 22:00	14.63	357933	33.48	2.64	21.46	1.20
17/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/11/2023 13:00	14.69	359929.8	34.69	3.00	20.79	1.05
18/11/2023 14:00	14.74	358982.6	37.32	2.89	20.60	1.13
18/11/2023 15:00	14.73	358558.8	36.79	2.79	20.30	1.10
18/11/2023 16:00	14.72	358422.3	36.57	2.72	20.29	1.15
18/11/2023 17:00	14.70	355907.8	35.71	2.65	20.24	1.17
18/11/2023 18:00	14.65	349257.5	34.38	2.60	19.95	1.22
18/11/2023 19:00	14.63	350193.3	33.81	2.59	20.55	1.22
18/11/2023 20:00	14.62	349527.7	33.78	2.66	20.65	1.26
18/11/2023 21:00	14.62	348990.1	33.75	2.63	20.78	1.24
18/11/2023 22:00	14.62	350213.2	34.04	2.68	20.70	1.22
18/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 17:00	14.85	294535.8	50.55	2.96	16.01	1.15
19/11/2023 18:00	14.61	342291.4	32.66	2.65	19.34	1.17
19/11/2023 19:00	14.61	342874.6	33.06	2.65	19.71	1.22
19/11/2023 20:00	14.60	345610.9	32.81	2.63	20.43	1.26
19/11/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
19/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
20/11/2023 13:00	14.70	366437.9	33.74	2.80	20.81	1.05
20/11/2023 14:00	14.74	367077.9	36.26	2.80	20.74	1.04
20/11/2023 15:00	14.73	366099.4	35.64	2.73	20.19	1.08
20/11/2023 16:00	14.72	367023.9	35.54	2.70	20.47	1.10
20/11/2023 17:00	14.70	365246.1	34.95	2.58	20.47	1.10
20/11/2023 18:00	14.66	359713.7	33.70	2.61	20.34	1.18
20/11/2023 19:00	14.63	358223.2	32.43	2.57	20.79	1.22
20/11/2023 20:00	14.62	360777.5	32.38	2.61	21.23	1.26
20/11/2023 21:00	14.61	360242.7	32.20	2.67	21.70	1.28
20/11/2023 22:00	14.59	356067.1	31.48	2.64	21.50	1.26
20/11/2023 23:00	14.62	353396	33.98	2.77	20.76	1.17
21/11/2023 00:00	14.63	373440.9	33.23	2.77	21.61	1.17
21/11/2023 01:00	14.61	373856.3	33.08	2.89	21.79	1.24
21/11/2023 02:00	14.61	373671.3	33.19	2.92	22.01	1.19
21/11/2023 03:00	14.61	373105.3	33.46	3.07	22.28	1.22
21/11/2023 04:00	14.61	372764	33.57	3.03	22.72	1.17
21/11/2023 05:00	14.61	372892	33.74	3.03	22.43	1.19
21/11/2023 06:00	14.62	373258.9	34.29	3.12	22.09	1.17
21/11/2023 07:00	14.63	373870.5	33.87	3.01	22.17	1.13
21/11/2023 08:00	14.66	376106.2	34.10	3.10	21.81	1.16
21/11/2023 09:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
21/11/2023 10:00	14.41	381667.1	34.57	0.96	5.53	0.00
21/11/2023 11:00	14.71	376211.4	41.12	1.66	5.03	0.00
21/11/2023 12:00	14.67	291284.8	42.75	1.56	0.45	0.00
21/11/2023 13:00	14.73	367954	39.09	1.55	5.79	0.00
21/11/2023 14:00	14.76	371375.9	39.80	1.47	5.70	0.00
21/11/2023 15:00	14.78	372041.5	40.20	1.43	5.72	0.00
21/11/2023 16:00	14.76	372544.9	39.73	1.34	5.59	0.00
21/11/2023 17:00	14.72	369521.3	38.89	1.30	5.60	0.00
21/11/2023 18:00	14.67	363067.3	37.33	1.29	4.57	0.00
21/11/2023 19:00	14.65	361312.3	36.92	1.42	4.25	0.00
21/11/2023 20:00	14.63	363869.4	36.29	1.42	4.68	0.02
21/11/2023 21:00	14.62	364222.1	35.90	1.44	5.31	0.02
21/11/2023 22:00	14.60	361357.8	35.46	1.48	5.96	0.02
21/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
22/11/2023 13:00	14.72	372616.1	37.18	1.62	5.62	0.00
22/11/2023 14:00	14.76	372490.9	39.59	1.56	4.07	0.41
22/11/2023 15:00	14.75	372257.7	39.60	1.49	3.55	0.25
22/11/2023 16:00	14.76	372547.8	38.55	1.47	4.07	0.09
22/11/2023 17:00	14.72	366011.3	37.52	1.39	3.98	0.13
22/11/2023 18:00	14.67	358311.3	36.70	1.45	3.55	0.02
22/11/2023 19:00	14.63	360214.3	34.63	1.42	4.32	1.31
22/11/2023 20:00	14.61	361704.8	34.89	1.55	4.49	0.29
22/11/2023 21:00	14.62	362953.5	35.68	1.57	4.71	0.02
22/11/2023 22:00	14.62	362899.4	35.79	1.57	4.60	0.02
22/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
23/11/2023 13:00	14.75	370457.1	39.21	1.65	5.47	0.00
23/11/2023 14:00	14.78	372092.7	41.02	1.61	5.22	0.00
23/11/2023 15:00	14.76	372135.3	40.12	1.54	4.87	0.00
23/11/2023 16:00	14.78	372138.2	39.13	1.48	5.27	0.00
23/11/2023 17:00	14.75	369831.3	37.81	1.45	4.23	0.00
23/11/2023 18:00	14.68	362862.5	36.18	1.39	3.89	0.00
23/11/2023 19:00	14.66	361630.8	35.82	1.45	3.85	0.00
23/11/2023 20:00	14.64	363471.2	35.24	1.38	4.26	0.00
23/11/2023 21:00	14.62	364651.6	35.04	1.44	5.73	0.02
23/11/2023 22:00	14.61	363926.3	34.85	1.48	5.83	0.02
23/11/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
24/11/2023 13:00	14.72	368685	37.65	1.64	5.29	0.00
24/11/2023 14:00	14.78	369029.2	40.50	1.64	4.93	0.00
24/11/2023 15:00	14.81	367686.6	39.83	1.51	4.61	0.00
24/11/2023 16:00	14.80	368915.4	39.60	1.46	4.88	0.00
24/11/2023 17:00	14.77	366059.6	37.39	1.41	4.92	0.00
24/11/2023 18:00	14.72	360535.7	36.26	1.30	5.13	0.00
24/11/2023 19:00	14.67	359924.2	35.43	1.41	5.56	0.00
24/11/2023 20:00	14.66	360043.6	35.91	1.38	5.90	0.00
24/11/2023 21:00	14.66	359722.2	36.31	1.51	6.15	0.02
24/11/2023 22:00	14.64	359844.5	35.73	1.49	6.26	0.02
24/11/2023 23:00	14.65	362393	37.36	1.47	5.56	0.00
25/11/2023 00:00	14.66	373984.3	37.42	1.69	6.84	0.00
25/11/2023 01:00	14.65	373202	36.78	1.58	6.83	0.00
25/11/2023 02:00	14.64	372636	37.57	1.80	6.75	0.00
25/11/2023 03:00	14.64	371373	37.50	1.78	7.31	0.00
25/11/2023 04:00	14.66	372266.2	38.29	1.78	7.40	0.00
25/11/2023 05:00	14.66	372152.4	38.76	1.87	7.31	0.00
25/11/2023 06:00	14.65	371802.6	38.72	1.93	7.36	0.00
25/11/2023 07:00	14.67	372820.9	38.62	1.85	6.89	0.00
25/11/2023 08:00	14.69	374373.9	39.01	1.95	6.45	0.00
25/11/2023 09:00	14.72	375858.7	39.68	1.98	5.67	0.00
25/11/2023 10:00	14.74	376504.4	40.28	1.90	5.19	0.00
25/11/2023 11:00	14.71	375292.7	40.87	1.80	4.69	0.00
25/11/2023 12:00	14.54	312689.1	37.77	1.62	1.46	0.00
25/11/2023 13:00	14.67	361710.5	37.08	1.63	4.91	0.00
25/11/2023 14:00	14.77	365920.3	39.89	1.63	5.28	0.00
25/11/2023 15:00	14.77	365644.3	39.82	1.52	5.03	0.00
25/11/2023 16:00	14.74	364330.2	39.44	1.47	5.30	0.00
25/11/2023 17:00	14.70	356857.8	37.73	1.46	5.11	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/11/2023 18:00	14.68	352850	37.03	1.43	5.12	0.02
25/11/2023 19:00	14.68	355284.9	37.25	1.47	5.41	0.00
25/11/2023 20:00	14.67	356323.1	37.30	1.52	5.53	0.00
25/11/2023 21:00	14.66	357165	37.02	1.56	5.84	0.00
25/11/2023 22:00	14.64	357472.3	36.39	1.49	5.97	0.00
25/11/2023 23:00	14.66	362852.4	38.29	1.56	5.17	0.02
26/11/2023 00:00	14.66	373051.3	37.51	1.67	4.92	0.02
26/11/2023 01:00	14.66	372897.7	37.18	1.67	5.35	0.00
26/11/2023 02:00	14.66	373105.3	37.33	1.76	5.61	0.00
26/11/2023 03:00	14.65	372786.7	37.30	1.80	5.72	0.00
26/11/2023 04:00	14.65	371973.2	37.43	1.87	5.58	0.00
26/11/2023 05:00	14.65	372257.7	37.03	1.78	5.29	0.00
26/11/2023 06:00	14.65	372695.7	37.79	1.93	5.80	0.00
26/11/2023 07:00	14.65	372414.1	37.63	1.91	5.89	0.00
26/11/2023 08:00	14.66	373685.6	37.18	1.85	5.64	0.00
26/11/2023 09:00	14.69	374837.6	37.22	1.86	5.35	0.00
26/11/2023 10:00	14.67	375440.6	38.06	1.81	4.71	0.00
26/11/2023 11:00	14.67	374712.4	38.46	1.72	4.71	0.00
26/11/2023 12:00	14.66	373981.4	38.76	1.72	4.52	0.00
26/11/2023 13:00	14.67	372044.3	38.71	1.63	4.31	0.00
26/11/2023 14:00	14.68	370815.5	38.50	1.61	4.00	0.00
26/11/2023 15:00	14.68	370875.3	38.59	1.54	4.16	0.00
26/11/2023 16:00	14.66	371902.1	38.34	1.49	4.08	0.00
26/11/2023 17:00	14.65	373367	38.10	1.47	4.49	0.00
26/11/2023 18:00	14.64	374265.8	37.97	1.44	4.06	0.00
26/11/2023 19:00	14.63	375016.8	37.91	1.51	4.30	0.02
26/11/2023 20:00	14.62	375463.3	37.43	1.51	4.76	0.02
26/11/2023 21:00	14.63	374974.1	36.78	1.53	3.75	0.02
26/11/2023 22:00	14.66	375480.4	35.22	1.65	4.14	0.00
26/11/2023 23:00	14.65	374812	35.01	1.60	5.14	0.00
27/11/2023 00:00	14.62	373995.6	34.84	1.57	5.60	0.00
27/11/2023 01:00	14.60	372744.1	34.53	1.68	7.15	0.00
27/11/2023 02:00	14.61	372175.2	34.47	1.68	6.96	0.00
27/11/2023 03:00	14.63	373480.8	35.07	1.80	6.01	0.00
27/11/2023 04:00	14.65	374544.6	35.83	1.78	5.65	0.00
27/11/2023 05:00	14.66	374095.2	36.42	1.89	5.61	0.00
27/11/2023 06:00	14.65	372667.3	36.78	1.91	5.80	0.00
27/11/2023 07:00	14.65	372616.1	36.41	1.76	6.20	0.00
27/11/2023 08:00	14.67	374570.2	37.08	1.85	5.44	0.00
27/11/2023 09:00	14.70	376137.5	37.35	1.79	4.95	0.00
27/11/2023 10:00	14.71	376353.7	37.99	1.82	4.69	0.00
27/11/2023 11:00	14.71	376202.9	38.76	1.71	4.49	0.00
27/11/2023 12:00	14.69	373099.6	40.40	1.77	4.70	0.00
27/11/2023 13:00	14.71	372229.2	40.73	1.66	4.94	0.00
27/11/2023 14:00	14.71	371643.3	40.55	1.66	4.33	0.00
27/11/2023 15:00	14.70	371745.7	40.20	1.46	4.17	0.00
27/11/2023 16:00	14.70	371825.3	40.71	1.50	4.24	0.00
27/11/2023 17:00	14.70	372846.5	41.03	1.55	4.71	0.00
27/11/2023 18:00	14.60	381709.8	37.84	1.50	5.52	0.00
27/11/2023 19:00	14.57	385808.6	37.20	1.52	5.69	0.00
27/11/2023 20:00	14.55	374985.5	36.16	1.53	4.88	0.02
27/11/2023 21:00	14.57	355668.9	33.84	1.58	5.45	0.00
27/11/2023 22:00	14.66	361980.7	36.71	1.69	6.35	0.02
27/11/2023 23:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 00:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 01:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 02:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 03:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 04:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 05:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 06:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 07:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 08:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 09:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 10:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 11:00	shut down	shut down	shut down	shut down	shut down	shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/11/2023 00:00-30/11/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/11/2023 12:00	shut down	shut down	shut down	shut down	shut down	shut down
28/11/2023 13:00	14.73	366617.1	38.91	2.03	5.63	0.00
28/11/2023 14:00	14.78	368787.4	40.52	1.93	4.54	0.00
28/11/2023 15:00	14.75	367752.1	39.24	1.85	3.73	0.00
28/11/2023 16:00	14.71	366039.7	38.17	1.82	3.86	0.00
28/11/2023 17:00	14.67	364657.3	37.30	1.85	4.13	0.00
28/11/2023 18:00	14.64	360646.6	36.33	1.82	4.73	0.02
28/11/2023 19:00	14.62	360020.9	35.57	1.79	6.26	0.02
28/11/2023 20:00	14.61	359767.7	35.56	1.90	6.65	0.02
28/11/2023 21:00	14.59	360134.6	35.03	1.81	6.89	0.02
28/11/2023 22:00	14.59	359565.8	35.42	1.94	7.16	0.02
28/11/2023 23:00	14.56	334814.7	35.19	2.04	5.13	0.00
29/11/2023 00:00	14.56	342376.8	34.66	2.08	5.39	0.00
29/11/2023 01:00	14.57	343855.9	34.80	2.09	5.56	0.00
29/11/2023 02:00	14.56	341668.5	34.55	2.10	5.35	0.00
29/11/2023 03:00	14.55	340368.6	34.50	2.19	5.30	0.00
29/11/2023 04:00	14.54	338980.5	34.33	2.21	5.31	0.00
29/11/2023 05:00	14.52	333701.2	33.83	2.16	5.03	0.00
29/11/2023 06:00	14.52	333237.6	34.03	2.22	4.86	0.00
29/11/2023 07:00	14.56	341913.1	34.99	2.17	5.37	0.00
29/11/2023 08:00	14.60	349684.2	35.74	2.21	5.21	0.00
29/11/2023 09:00	14.64	354124.3	36.46	2.20	4.91	0.00
29/11/2023 10:00	14.65	356818	36.50	2.09	5.25	0.00
29/11/2023 11:00	14.64	352010.9	36.82	2.20	4.93	0.00
29/11/2023 12:00	14.65	301136.5	41.30	2.00	1.69	0.00
29/11/2023 13:00	14.70	367291.3	37.42	1.93	5.22	0.00
29/11/2023 14:00	14.70	369111.7	37.51	1.88	5.25	0.00
29/11/2023 15:00	14.69	368540	37.72	1.88	5.62	0.00
29/11/2023 16:00	14.68	368511.5	37.25	1.81	5.43	0.00
29/11/2023 17:00	14.65	366361.1	36.21	1.73	4.94	0.00
29/11/2023 18:00	14.63	360677.9	35.51	1.75	5.81	0.00
29/11/2023 19:00	14.62	360086.3	35.70	1.88	6.20	0.02
29/11/2023 20:00	14.62	362100.2	35.61	1.88	6.15	0.02
29/11/2023 21:00	14.63	363360.3	35.98	1.95	5.99	0.02
29/11/2023 22:00	14.62	362381.8	35.99	1.97	5.22	0.02
29/11/2023 23:00	14.57	337811.3	34.89	1.91	3.40	0.02
30/11/2023 00:00	14.55	344993.7	33.34	1.90	4.99	0.02
30/11/2023 01:00	14.56	347090	33.79	2.02	5.20	0.00
30/11/2023 02:00	14.57	346174.1	33.82	2.00	5.36	0.00
30/11/2023 03:00	14.57	344447.5	33.93	2.06	4.72	0.00
30/11/2023 04:00	14.55	342661.2	33.62	2.01	4.93	0.00
30/11/2023 05:00	14.54	337615.2	33.07	1.99	4.70	0.00
30/11/2023 06:00	14.54	337444.5	33.26	2.05	4.55	0.00
30/11/2023 07:00	14.57	346555.3	33.79	2.04	5.16	0.00
30/11/2023 08:00	14.61	354087.3	34.32	2.08	5.26	0.00
30/11/2023 09:00	14.64	357219.1	34.71	2.02	4.77	0.00
30/11/2023 10:00	14.65	358058.2	34.69	2.00	4.20	0.00
30/11/2023 11:00	14.66	356462.5	34.55	2.00	3.85	0.00
30/11/2023 12:00	14.67	320045	37.75	1.90	2.28	0.00
30/11/2023 13:00	14.73	368557	36.61	1.82	4.89	0.00
30/11/2023 14:00	14.74	370619.3	37.77	1.78	5.01	0.00
30/11/2023 15:00	14.75	370789.9	37.45	1.72	4.68	0.00
30/11/2023 16:00	14.72	371589.2	37.81	1.66	4.72	0.00
30/11/2023 17:00	14.70	368722	35.78	1.68	5.16	0.00
30/11/2023 18:00	14.65	362427.3	34.45	1.65	4.96	0.00
30/11/2023 19:00	14.63	362125.8	34.05	1.68	4.90	0.00
30/11/2023 20:00	14.63	363161.1	34.34	1.71	5.28	0.00
30/11/2023 21:00	14.63	364005.9	34.72	1.77	5.23	0.00
30/11/2023 22:00	14.62	364412.7	34.64	1.81	5.51	0.00
30/11/2023 23:00	14.60	356825.1	35.26	1.88	4.35	0.00
Minimum	14.37	260,866.80	21.73	0.96	0.45	0.00
Maximum	14.85	385,808.60	50.55	3.12	23.99	3.25
Avg	14.61	353,259.46	30.72	2.25	15.30	0.92
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
01/12/2023 13:00	14.4	353723.3	47.17	2.01	3.85	0.00
01/12/2023 14:00	14.4	354499.8	48.84	1.73	3.85	0.00
01/12/2023 15:00	14.4	354983.3	48.55	1.75	3.76	0.00
01/12/2023 16:00	14.4	354954.9	47.28	1.59	3.78	0.00
01/12/2023 17:00	14.4	352978.0	45.96	1.76	3.70	0.00
01/12/2023 18:00	14.5	346154.2	44.01	1.92	3.56	0.00
01/12/2023 19:00	14.5	345881.1	43.36	1.97	3.50	0.02
01/12/2023 20:00	14.5	346999.0	42.76	2.01	3.52	0.02
01/12/2023 21:00	14.5	347940.5	41.94	2.24	3.48	0.02
01/12/2023 22:00	14.4	348830.8	41.57	2.26	3.51	0.06
01/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
02/12/2023 13:00	14.4	351365.2	45.80	2.04	3.78	0.00
02/12/2023 14:00	14.4	354917.9	47.36	1.84	3.90	0.00
02/12/2023 15:00	14.4	352551.3	46.23	1.63	3.73	0.00
02/12/2023 16:00	14.4	350958.5	45.75	1.70	3.68	0.00
02/12/2023 17:00	14.5	344777.5	44.27	1.77	3.56	0.00
02/12/2023 18:00	14.5	339893.6	42.37	1.94	3.45	0.00
02/12/2023 19:00	14.5	342823.3	41.92	2.03	3.82	0.00
02/12/2023 20:00	14.4	343762.0	40.50	1.96	3.72	0.02
02/12/2023 21:00	14.4	343605.6	40.43	2.13	3.74	0.02
02/12/2023 22:00	14.4	344512.9	39.86	2.17	3.82	0.04
02/12/2023 23:00	14.4	349796.4	42.77	2.15	4.23	0.04
03/12/2023 00:00	14.5	359497.5	45.99	2.21	4.23	0.00
03/12/2023 01:00	14.5	359767.7	46.02	2.43	4.23	0.00
03/12/2023 02:00	14.5	359375.2	46.02	2.36	4.25	0.00
03/12/2023 03:00	14.5	359133.4	46.01	2.27	4.24	0.00
03/12/2023 04:00	14.5	358365.4	45.99	2.49	4.29	0.00
03/12/2023 05:00	14.5	358132.2	45.92	2.49	4.32	0.00
03/12/2023 06:00	14.5	357623.0	46.01	2.32	4.31	0.00
03/12/2023 07:00	14.5	358308.5	46.39	2.52	4.30	0.00
03/12/2023 08:00	14.5	359190.3	46.73	2.48	4.18	0.00
03/12/2023 09:00	14.5	360117.6	47.58	2.07	4.01	0.00
03/12/2023 10:00	14.5	359389.4	49.02	2.06	3.84	0.00
03/12/2023 11:00	14.5	358120.8	49.56	2.01	3.69	0.00
03/12/2023 12:00	14.4	355845.2	48.99	1.70	3.68	0.00
03/12/2023 13:00	14.4	353874.0	47.90	1.68	3.71	0.00
03/12/2023 14:00	14.4	354169.8	47.87	1.66	3.68	0.00
03/12/2023 15:00	14.3	359119.2	40.96	1.43	3.69	0.00
03/12/2023 16:00	14.3	358686.8	40.37	1.43	3.62	0.00
03/12/2023 17:00	14.3	360774.6	42.76	1.50	3.69	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/12/2023 18:00	14.4	361610.9	46.30	1.67	3.91	0.00
03/12/2023 19:00	14.4	362137.1	47.07	1.87	4.06	0.00
03/12/2023 20:00	14.4	362125.8	46.58	1.91	3.93	0.00
03/12/2023 21:00	14.4	361719.0	43.56	2.06	3.98	0.00
03/12/2023 22:00	14.5	360015.2	43.02	2.20	4.04	0.00
03/12/2023 23:00	14.5	361528.4	46.07	2.20	4.15	0.00
04/12/2023 00:00	14.5	360140.3	45.89	2.09	4.19	0.00
04/12/2023 01:00	14.5	357066.5	45.60	2.28	4.29	0.00
04/12/2023 02:00	14.5	356172.3	44.44	2.31	4.40	0.00
04/12/2023 03:00	14.5	357156.5	45.14	2.23	4.40	0.00
04/12/2023 04:00	14.5	357497.8	45.01	2.25	4.37	0.00
04/12/2023 05:00	14.5	356360.1	45.16	2.53	4.41	0.00
04/12/2023 06:00	14.5	356297.5	45.19	2.32	4.44	0.00
04/12/2023 07:00	14.5	356351.5	45.30	2.39	4.38	0.00
04/12/2023 08:00	14.5	357389.8	46.19	2.40	4.20	0.00
04/12/2023 09:00	14.5	359261.4	47.16	2.27	4.15	0.00
04/12/2023 10:00	14.5	359116.3	47.13	2.05	3.75	0.00
04/12/2023 11:00	14.5	358624.3	46.97	1.94	3.90	0.00
04/12/2023 12:00	14.5	358632.8	46.83	1.87	3.69	0.00
04/12/2023 13:00	14.5	356382.8	47.17	1.94	3.73	0.02
04/12/2023 14:00	14.4	355364.5	47.65	1.73	3.47	0.00
04/12/2023 15:00	14.4	356980.2	47.52	1.60	3.29	0.00
04/12/2023 16:00	14.4	357463.7	47.56	1.80	3.69	0.00
04/12/2023 17:00	14.4	358877.4	42.69	1.89	4.20	0.00
04/12/2023 18:00	14.4	358851.8	42.11	1.83	4.12	0.00
04/12/2023 19:00	14.5	359463.3	42.99	2.05	4.63	0.00
04/12/2023 20:00	14.5	359645.4	43.82	2.31	4.94	0.00
04/12/2023 21:00	14.4	353532.7	43.55	2.08	4.38	0.00
04/12/2023 22:00	14.4	338997.3	43.18	2.14	4.35	0.00
04/12/2023 23:00	14.3	276034.0	40.09	2.26	4.01	0.02
05/12/2023 00:00	14.3	304269.8	38.26	2.24	3.91	0.00
05/12/2023 01:00	14.3	316879.2	37.84	2.30	5.65	0.02
05/12/2023 02:00	14.3	315055.9	37.45	2.25	4.04	0.02
05/12/2023 03:00	14.3	313121.7	37.08	2.37	4.68	0.23
05/12/2023 04:00	14.3	310061.0	37.49	2.47	6.14	0.15
05/12/2023 05:00	14.3	303174.6	37.49	2.37	4.95	0.27
05/12/2023 06:00	14.3	296808.8	37.75	2.28	8.17	0.13
05/12/2023 07:00	14.3	296055.0	38.07	2.47	3.92	0.10
05/12/2023 08:00	14.3	290272.3	40.16	2.36	3.57	0.04
05/12/2023 09:00	14.3	290044.7	40.37	2.06	3.05	0.02
05/12/2023 10:00	14.3	289478.6	40.58	2.00	2.97	0.02
05/12/2023 11:00	14.3	290474.2	40.98	1.94	3.06	0.00
05/12/2023 12:00	14.4	273583.8	40.93	1.71	3.05	0.00
05/12/2023 13:00	14.4	343767.7	41.89	1.69	3.48	0.00
05/12/2023 14:00	14.4	345167.2	44.23	1.76	3.50	0.00
05/12/2023 15:00	14.4	344453.2	44.21	1.54	3.47	0.00
05/12/2023 16:00	14.4	345756.0	43.49	1.54	3.50	0.00
05/12/2023 17:00	14.4	344786.0	43.66	1.72	3.97	0.00
05/12/2023 18:00	14.4	339418.6	41.94	1.81	3.89	0.02
05/12/2023 19:00	14.4	341284.5	41.05	1.83	3.96	0.00
05/12/2023 20:00	14.5	343400.8	41.05	1.94	3.86	0.00
05/12/2023 21:00	14.5	343193.1	40.99	2.11	3.88	0.00
05/12/2023 22:00	14.5	341933.0	41.05	2.05	3.64	0.00
05/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
06/12/2023 13:00	14.3	352753.3	42.84	1.43	3.50	0.00
06/12/2023 14:00	14.2	355381.6	42.73	1.53	3.38	0.02
06/12/2023 15:00	14.4	354787.1	44.40	1.91	3.40	0.00
06/12/2023 16:00	14.4	354050.4	44.04	2.19	3.36	0.00
06/12/2023 17:00	14.4	352622.5	43.13	2.05	3.25	0.00
06/12/2023 18:00	14.4	347741.4	43.48	2.28	3.57	0.00
06/12/2023 19:00	14.5	345121.7	43.94	2.28	5.54	0.00
06/12/2023 20:00	14.5	345118.8	43.87	2.19	4.48	0.00
06/12/2023 21:00	14.5	344925.4	42.26	2.20	5.14	0.00
06/12/2023 22:00	14.5	342402.4	41.72	2.37	8.17	0.00
06/12/2023 23:00	14.5	331437.8	43.70	2.23	7.39	0.00
07/12/2023 00:00	14.5	356414.1	43.88	2.29	7.18	0.02
07/12/2023 01:00	14.5	356269.0	44.16	2.48	5.70	0.00
07/12/2023 02:00	14.5	356727.0	44.51	2.49	4.84	0.00
07/12/2023 03:00	14.5	356206.5	43.57	2.39	5.30	0.00
07/12/2023 04:00	14.4	356044.3	43.06	2.43	5.21	0.00
07/12/2023 05:00	14.5	355916.3	43.45	2.44	4.83	0.00
07/12/2023 06:00	14.5	356320.3	43.64	2.53	4.79	0.00
07/12/2023 07:00	14.5	357367.0	46.23	2.46	4.55	0.00
07/12/2023 08:00	14.6	358999.7	47.89	2.34	4.25	0.00
07/12/2023 09:00	14.6	360419.1	49.22	2.39	4.08	0.00
07/12/2023 10:00	14.6	360402.0	49.83	2.17	3.81	0.00
07/12/2023 11:00	14.5	356141.0	50.21	1.87	3.71	0.00
07/12/2023 12:00	14.5	273587.5	44.59	1.83	3.21	0.00
07/12/2023 13:00	14.4	353589.6	43.26	1.88	3.83	0.00
07/12/2023 14:00	14.4	356672.9	44.98	1.65	3.97	0.00
07/12/2023 15:00	14.5	354966.3	48.13	1.67	3.75	0.00
07/12/2023 16:00	14.5	357139.4	50.17	1.78	3.87	0.00
07/12/2023 17:00	14.6	356974.5	49.73	1.79	3.90	0.00
07/12/2023 18:00	14.5	351965.4	46.84	1.76	3.70	0.00
07/12/2023 19:00	14.5	347724.3	45.27	1.85	4.15	0.00
07/12/2023 20:00	14.5	345815.7	44.66	1.98	4.33	0.00
07/12/2023 21:00	14.5	346174.1	44.68	1.90	4.31	0.00
07/12/2023 22:00	14.5	345414.6	44.57	2.00	4.46	0.00
07/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
08/12/2023 13:00	14.5	352869.9	50.03	1.89	3.86	0.00
08/12/2023 14:00	14.5	353620.9	52.14	1.72	3.86	0.00
08/12/2023 15:00	14.5	353581.0	52.01	1.66	3.79	0.00
08/12/2023 16:00	14.5	353820.0	52.60	1.63	3.68	0.00
08/12/2023 17:00	14.5	354061.8	50.48	1.74	3.55	0.00
08/12/2023 18:00	14.5	350637.0	46.53	1.78	3.68	0.00
08/12/2023 19:00	14.5	347041.7	44.61	1.69	3.92	0.11
08/12/2023 20:00	14.5	346450.0	44.55	1.87	3.91	0.09
08/12/2023 21:00	14.5	346398.8	44.46	1.91	3.80	0.04
08/12/2023 22:00	14.5	345670.6	44.44	1.89	3.91	0.02
08/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
09/12/2023 13:00	14.5	356340.2	49.58	2.03	3.80	0.00
09/12/2023 14:00	14.5	356707.1	50.73	1.80	3.79	0.00
09/12/2023 15:00	14.5	355552.3	49.37	1.69	3.59	0.00
09/12/2023 16:00	14.5	356917.6	49.30	1.81	3.54	0.00
09/12/2023 17:00	14.5	353228.3	46.18	1.73	3.51	0.00
09/12/2023 18:00	14.5	346780.0	43.75	1.66	3.48	0.00
09/12/2023 19:00	14.5	347846.6	42.82	1.99	3.63	0.02
09/12/2023 20:00	14.5	347277.8	42.15	2.01	3.80	0.02
09/12/2023 21:00	14.5	347334.6	41.81	1.90	3.71	0.04
09/12/2023 22:00	14.5	346680.4	42.02	1.98	3.97	0.15
09/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 17:00	14.5	293265.5	50.84	1.78	3.57	0.00
10/12/2023 18:00	14.5	339293.4	45.70	1.88	3.76	0.02
10/12/2023 19:00	14.5	338568.1	45.34	1.84	3.90	0.00
10/12/2023 20:00	14.5	338821.2	43.71	1.82	3.76	0.02
10/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
10/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
11/12/2023 13:00	14.5	348054.3	47.94	1.82	3.83	0.00
11/12/2023 14:00	14.5	347627.6	49.03	1.61	3.74	0.00
11/12/2023 15:00	14.5	347852.3	48.79	1.70	3.81	0.00
11/12/2023 16:00	14.5	350295.7	48.60	1.67	3.76	0.00
11/12/2023 17:00	14.5	348853.6	47.51	1.65	3.76	0.00
11/12/2023 18:00	14.5	343261.4	45.22	1.54	3.63	0.04
11/12/2023 19:00	14.5	345525.6	43.74	1.82	3.88	0.02
11/12/2023 20:00	14.5	348364.3	43.61	1.84	3.86	0.02
11/12/2023 21:00	14.5	349911.7	42.87	1.78	3.92	0.02
11/12/2023 22:00	14.5	348395.6	41.83	1.79	3.95	0.04
11/12/2023 23:00	14.4	347974.6	41.74	2.01	3.98	0.11

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/12/2023 00:00	14.4	357495.0	41.12	1.96	3.95	0.24
12/12/2023 01:00	14.5	358396.7	43.00	2.01	3.95	0.47
12/12/2023 02:00	14.5	358115.1	42.80	2.05	4.18	0.47
12/12/2023 03:00	14.4	357452.3	42.19	2.19	4.26	0.30
12/12/2023 04:00	14.4	357685.6	42.50	2.24	4.05	0.32
12/12/2023 05:00	14.4	356894.8	42.41	2.19	4.02	0.32
12/12/2023 06:00	14.5	356963.1	43.49	2.20	4.00	0.24
12/12/2023 07:00	14.5	356894.8	43.74	2.36	3.88	0.09
12/12/2023 08:00	14.5	358075.3	44.94	2.37	3.96	0.02
12/12/2023 09:00	14.5	356951.7	46.69	2.19	3.84	0.02
12/12/2023 10:00	14.5	355077.2	48.13	1.86	3.53	0.02
12/12/2023 11:00	14.5	351851.6	47.61	1.90	3.39	0.00
12/12/2023 12:00	14.5	271879.3	44.01	1.87	3.15	0.02
12/12/2023 13:00	14.4	350381.0	42.57	1.58	3.71	0.00
12/12/2023 14:00	14.5	350045.4	49.76	1.59	3.79	0.02
12/12/2023 15:00	14.4	350207.5	45.34	1.58	3.77	0.02
12/12/2023 16:00	14.4	352269.8	41.81	1.45	3.78	0.02
12/12/2023 17:00	14.4	350887.3	41.36	1.47	3.85	0.00
12/12/2023 18:00	14.5	351555.8	44.25	1.45	4.06	0.02
12/12/2023 19:00	14.5	353495.7	46.70	1.68	4.12	0.04
12/12/2023 20:00	14.5	353177.1	45.69	1.83	4.01	0.11
12/12/2023 21:00	14.5	344578.4	42.65	1.82	3.59	0.09
12/12/2023 22:00	14.5	345852.7	42.00	1.78	3.72	0.04
12/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
13/12/2023 13:00	14.4	353390.5	48.92	1.72	3.93	0.00
13/12/2023 14:00	14.4	354792.8	48.44	1.61	3.86	0.00
13/12/2023 15:00	14.5	354462.8	52.13	1.45	3.93	0.00
13/12/2023 16:00	14.5	355094.3	51.78	1.49	3.86	0.00
13/12/2023 17:00	14.5	356018.7	50.49	1.65	3.83	0.00
13/12/2023 18:00	14.5	354923.6	46.85	1.57	4.15	0.02
13/12/2023 19:00	14.5	356283.3	46.05	1.70	4.28	0.00
13/12/2023 20:00	14.6	356257.7	46.64	1.69	4.28	0.00
13/12/2023 21:00	14.5	348836.5	43.49	1.72	4.20	0.00
13/12/2023 22:00	14.5	348042.9	43.84	1.92	4.06	0.02
13/12/2023 23:00	14.5	346754.2	46.47	1.91	4.06	0.04
14/12/2023 00:00	14.5	359708.0	46.64	1.81	4.07	0.02
14/12/2023 01:00	14.5	359702.3	47.19	1.99	4.28	0.02
14/12/2023 02:00	14.5	361423.2	47.60	2.14	4.39	0.04
14/12/2023 03:00	14.5	359540.2	46.75	2.07	4.25	0.02
14/12/2023 04:00	14.5	358903.0	46.20	1.96	4.26	0.02
14/12/2023 05:00	14.5	358152.1	46.12	2.20	4.26	0.02
14/12/2023 06:00	14.5	358137.8	45.26	2.22	4.37	0.09
14/12/2023 07:00	14.5	359321.1	46.83	2.09	4.58	0.00
14/12/2023 08:00	14.6	361514.2	48.78	2.24	4.42	0.00
14/12/2023 09:00	14.6	361087.5	49.48	2.13	4.25	0.00
14/12/2023 10:00	14.5	358163.4	50.22	1.83	3.79	0.00
14/12/2023 11:00	14.5	356362.9	51.34	1.74	3.72	0.00
14/12/2023 12:00	14.5	312356.0	48.06	1.75	3.24	0.00
14/12/2023 13:00	14.5	353820.0	48.76	1.58	3.82	0.00
14/12/2023 14:00	14.4	353433.1	42.23	1.47	3.75	0.00
14/12/2023 15:00	14.4	357022.8	42.79	1.60	3.60	0.00
14/12/2023 16:00	14.4	353273.8	41.68	1.51	3.75	0.00
14/12/2023 17:00	14.5	350870.3	43.90	1.51	3.93	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/12/2023 18:00	14.5	349948.7	45.85	1.64	4.15	0.00
14/12/2023 19:00	14.5	350898.7	45.31	1.81	3.89	0.00
14/12/2023 20:00	14.6	350477.8	45.57	1.69	3.77	0.00
14/12/2023 21:00	14.5	347013.2	43.84	1.70	3.77	0.00
14/12/2023 22:00	14.5	346905.1	43.57	1.83	3.87	0.00
14/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
15/12/2023 13:00	14.4	348226.3	46.76	1.54	3.73	0.00
15/12/2023 14:00	14.4	356883.4	48.17	1.57	3.85	0.00
15/12/2023 15:00	14.4	356744.1	44.71	1.49	3.76	0.00
15/12/2023 16:00	14.4	354053.2	43.98	1.36	3.69	0.00
15/12/2023 17:00	14.5	352656.6	47.73	1.30	3.84	0.00
15/12/2023 18:00	14.6	349303.0	48.16	1.60	3.74	0.00
15/12/2023 19:00	14.5	349405.4	46.24	1.72	3.58	0.00
15/12/2023 20:00	14.5	350779.3	44.48	1.57	3.74	0.00
15/12/2023 21:00	14.5	350571.6	43.65	1.69	3.71	0.00
15/12/2023 22:00	14.5	348313.1	42.89	1.95	3.75	0.02
15/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
16/12/2023 13:00	14.4	352955.3	46.28	1.63	3.60	0.00
16/12/2023 14:00	14.4	350918.6	44.79	1.47	3.62	0.00
16/12/2023 15:00	14.4	351279.9	48.75	1.61	3.72	0.00
16/12/2023 16:00	14.5	351914.2	50.63	1.51	3.78	0.00
16/12/2023 17:00	14.5	351294.1	47.79	1.35	3.69	1.42
16/12/2023 18:00	14.5	345468.7	46.24	1.59	3.69	0.00
16/12/2023 19:00	14.6	347562.2	46.03	1.75	3.68	0.00
16/12/2023 20:00	14.5	348145.3	45.02	1.66	3.65	0.00
16/12/2023 21:00	14.5	347584.9	42.76	1.63	3.80	0.02
16/12/2023 22:00	14.5	345482.9	42.52	1.91	4.03	0.04
16/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 17:00	14.5	297226.5	50.36	1.64	3.67	0.00
17/12/2023 18:00	14.5	339606.3	47.01	1.52	3.83	0.00
17/12/2023 19:00	14.5	339188.2	47.06	1.48	3.97	0.00
17/12/2023 20:00	14.5	340408.4	46.12	1.61	4.07	0.00
17/12/2023 21:00	14.5	330364.7	46.99	1.76	4.08	0.00
17/12/2023 22:00	14.5	360501.6	45.96	1.63	4.28	0.00
17/12/2023 23:00	14.6	361491.4	48.80	1.67	4.32	0.00
18/12/2023 00:00	14.6	361226.9	48.98	1.73	4.34	0.00
18/12/2023 01:00	14.6	360840.1	48.94	1.78	4.38	0.00
18/12/2023 02:00	14.6	360066.4	49.09	1.95	4.36	0.00
18/12/2023 03:00	14.6	359454.8	49.34	1.95	4.33	0.00
18/12/2023 04:00	14.6	359315.4	49.21	1.95	4.38	0.00
18/12/2023 05:00	14.6	358342.6	48.95	1.99	4.42	0.00
18/12/2023 06:00	14.6	358200.4	49.26	2.15	4.45	0.00
18/12/2023 07:00	14.6	358470.6	49.63	2.04	4.46	0.00
18/12/2023 08:00	14.6	358834.7	50.11	1.98	4.34	0.00
18/12/2023 09:00	14.6	360094.8	50.86	2.07	4.24	0.00
18/12/2023 10:00	14.6	360299.6	50.92	1.94	3.99	0.00
18/12/2023 11:00	14.6	359065.1	51.99	1.67	4.07	0.00
18/12/2023 12:00	14.5	277379.4	47.93	1.55	3.53	0.00
18/12/2023 13:00	14.5	354411.6	49.90	1.70	4.07	0.00
18/12/2023 14:00	14.5	356428.3	50.78	1.53	4.02	0.00
18/12/2023 15:00	14.5	356968.8	51.29	1.28	3.92	0.00
18/12/2023 16:00	14.5	358072.4	50.47	1.28	3.76	0.00
18/12/2023 17:00	14.5	357520.6	48.89	1.46	3.73	0.00
18/12/2023 18:00	14.5	351720.8	47.13	1.42	3.71	0.00
18/12/2023 19:00	14.5	352776.1	46.48	1.48	3.78	0.00
18/12/2023 20:00	14.5	351828.9	45.87	1.64	3.91	0.00
18/12/2023 21:00	14.5	346231.0	44.38	1.70	3.97	0.00
18/12/2023 22:00	14.5	346151.3	44.64	1.76	3.92	0.00
18/12/2023 23:00	14.5	323223.4	42.15	1.84	3.87	0.02
19/12/2023 00:00	14.4	331650.4	41.33	1.74	3.85	0.02
19/12/2023 01:00	14.5	332264.8	42.80	2.00	4.07	0.00
19/12/2023 02:00	14.5	330415.9	43.10	2.03	4.12	0.00
19/12/2023 03:00	14.4	327099.3	42.62	2.02	4.15	0.00
19/12/2023 04:00	14.4	326789.2	42.71	1.93	4.19	0.00
19/12/2023 05:00	14.4	322522.6	42.92	2.12	4.20	0.00
19/12/2023 06:00	14.4	321413.2	43.16	2.13	4.25	0.00
19/12/2023 07:00	14.5	332432.6	43.43	2.03	4.30	0.00
19/12/2023 08:00	14.5	342368.3	45.28	2.09	4.30	0.00
19/12/2023 09:00	14.5	346526.8	46.55	2.14	4.11	0.00
19/12/2023 10:00	14.5	345790.1	46.38	1.84	3.98	0.00
19/12/2023 11:00	14.5	343801.8	46.36	1.57	3.86	0.00
19/12/2023 12:00	14.5	294847.6	46.44	1.67	3.64	0.00
19/12/2023 13:00	14.5	354093.0	50.55	1.72	4.03	0.00
19/12/2023 14:00	14.5	353632.3	48.53	1.42	3.94	0.00
19/12/2023 15:00	14.4	351922.7	42.38	1.36	3.74	0.00
19/12/2023 16:00	14.4	353017.8	42.59	1.53	3.68	0.00
19/12/2023 17:00	14.4	352187.3	42.19	1.34	3.58	0.00
19/12/2023 18:00	14.5	351012.5	45.43	1.43	3.73	0.00
19/12/2023 19:00	14.6	353091.8	47.68	1.58	4.03	0.00
19/12/2023 20:00	14.5	351914.2	46.35	1.66	4.17	0.00
19/12/2023 21:00	14.5	346515.4	44.07	1.63	4.19	0.00
19/12/2023 22:00	14.5	345349.2	42.87	1.67	4.27	0.00
19/12/2023 23:00	14.5	320815.5	41.98	1.68	4.03	0.00
20/12/2023 00:00	14.5	331513.8	43.71	1.88	4.06	0.00
20/12/2023 01:00	14.5	331385.8	43.27	1.92	4.18	0.00
20/12/2023 02:00	14.4	328945.3	43.06	1.87	3.94	0.00
20/12/2023 03:00	14.4	327093.6	42.43	1.95	4.10	0.00
20/12/2023 04:00	14.4	327636.9	42.43	2.12	4.23	0.00
20/12/2023 05:00	14.4	322698.9	42.54	2.03	4.20	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/12/2023 06:00	14.4	321748.9	42.79	1.99	4.22	0.00
20/12/2023 07:00	14.5	334563.1	43.89	2.23	4.27	0.00
20/12/2023 08:00	14.5	343264.3	45.48	2.23	4.21	0.00
20/12/2023 09:00	14.5	346273.7	46.04	1.92	4.10	0.00
20/12/2023 10:00	14.5	344163.1	46.46	1.79	3.97	0.00
20/12/2023 11:00	14.5	342322.7	46.78	1.83	3.97	0.00
20/12/2023 12:00	14.5	298245.3	47.08	1.69	3.84	0.00
20/12/2023 13:00	14.4	350119.3	46.11	1.48	4.11	0.00
20/12/2023 14:00	14.5	355245.0	52.05	1.50	4.09	0.00
20/12/2023 15:00	14.5	355048.8	52.54	1.52	3.84	0.00
20/12/2023 16:00	14.5	356684.3	51.52	1.26	3.75	0.00
20/12/2023 17:00	14.5	355276.3	49.67	1.29	3.83	0.00
20/12/2023 18:00	14.5	350912.9	47.89	1.37	4.07	0.00
20/12/2023 19:00	14.6	351982.5	48.40	1.55	4.31	0.00
20/12/2023 20:00	14.6	351444.9	47.74	1.53	4.31	0.00
20/12/2023 21:00	14.5	347024.6	46.52	1.64	4.23	0.00
20/12/2023 22:00	14.5	346159.9	46.21	1.68	4.25	0.00
20/12/2023 23:00	14.5	320718.8	45.30	1.84	4.14	0.00
21/12/2023 00:00	14.5	330194.0	44.36	1.84	4.06	0.00
21/12/2023 01:00	14.5	331371.6	44.64	1.84	4.15	0.00
21/12/2023 02:00	14.5	328743.3	44.39	2.03	4.12	0.00
21/12/2023 03:00	14.5	326880.3	44.85	2.09	4.12	0.00
21/12/2023 04:00	14.5	326336.9	45.39	2.03	4.17	0.00
21/12/2023 05:00	14.4	320138.9	46.26	2.09	4.15	0.00
21/12/2023 06:00	14.4	317712.6	46.86	2.22	4.17	0.00
21/12/2023 07:00	14.5	328023.7	47.10	2.17	4.32	0.00
21/12/2023 08:00	14.6	337922.4	48.29	2.04	4.25	0.00
21/12/2023 09:00	14.5	338573.8	48.12	2.09	4.12	0.00
21/12/2023 10:00	14.5	335939.8	48.26	1.99	3.89	0.00
21/12/2023 11:00	14.5	334364.0	48.30	1.79	3.87	0.00
21/12/2023 12:00	14.5	331107.1	48.27	1.59	3.88	0.00
21/12/2023 13:00	14.4	369071.9	51.50	1.65	4.38	0.00
21/12/2023 14:00	14.4	349294.5	47.55	1.55	4.02	0.00
21/12/2023 15:00	14.6	353373.4	52.21	1.34	4.12	0.00
21/12/2023 16:00	14.6	353609.5	52.75	1.44	4.14	0.00
21/12/2023 17:00	14.6	352156.0	52.44	1.38	4.23	0.00
21/12/2023 18:00	14.6	349183.5	51.27	1.45	4.28	0.00
21/12/2023 19:00	14.6	349283.1	51.05	1.47	4.35	0.00
21/12/2023 20:00	14.6	348947.4	51.59	1.78	4.38	0.00
21/12/2023 21:00	14.6	344461.8	50.73	1.78	4.32	0.00
21/12/2023 22:00	14.6	342695.3	50.28	1.63	4.35	0.00
21/12/2023 23:00	14.5	316732.3	49.41	1.81	4.24	0.00
22/12/2023 00:00	14.5	323978.9	48.67	1.94	4.18	0.00
22/12/2023 01:00	14.5	323805.4	48.79	2.00	4.22	0.00
22/12/2023 02:00	14.5	323680.3	49.15	1.95	4.26	0.00
22/12/2023 03:00	14.5	320298.2	49.82	2.04	4.27	0.00
22/12/2023 04:00	14.5	317351.3	50.41	2.23	4.30	0.00
22/12/2023 05:00	14.5	314140.0	50.81	2.14	4.38	0.00
22/12/2023 06:00	14.5	313938.0	51.21	2.23	4.45	0.00
22/12/2023 07:00	14.5	321108.9	51.39	2.37	4.43	0.00
22/12/2023 08:00	14.6	327662.5	51.48	2.39	4.41	0.00
22/12/2023 09:00	14.6	329059.1	51.48	2.24	4.25	0.00
22/12/2023 10:00	14.6	327816.1	51.38	2.06	4.08	0.00
22/12/2023 11:00	14.6	324957.4	51.14	1.91	3.91	0.00
22/12/2023 12:00	14.6	294048.3	53.52	2.03	4.15	0.00
22/12/2023 13:00	14.5	343048.1	49.06	1.87	4.42	0.00
22/12/2023 14:00	14.5	345653.6	48.78	1.67	4.41	0.00
22/12/2023 15:00	14.4	346364.7	48.96	1.48	4.32	0.00
22/12/2023 16:00	14.4	347266.4	49.29	1.52	4.35	0.00
22/12/2023 17:00	14.4	343653.9	48.26	1.37	4.31	0.00
22/12/2023 18:00	14.5	339612.0	47.48	1.49	4.31	0.00
22/12/2023 19:00	14.5	340843.6	47.79	1.90	4.38	0.00
22/12/2023 20:00	14.5	341039.9	47.82	2.05	4.45	0.00
22/12/2023 21:00	14.5	340576.3	51.52	2.16	4.43	0.00
22/12/2023 22:00	14.5	339557.9	52.50	2.20	4.45	0.00
22/12/2023 23:00	14.5	307648.7	53.44	2.70	4.28	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/12/2023 00:00	14.5	316498.0	52.51	2.59	4.27	0.00
23/12/2023 01:00	14.5	316395.6	52.84	2.69	4.29	0.00
23/12/2023 02:00	14.4	314993.3	53.51	3.03	4.30	0.00
23/12/2023 03:00	14.4	311437.8	53.56	2.99	4.34	0.00
23/12/2023 04:00	14.4	309861.9	53.56	2.86	4.38	0.00
23/12/2023 05:00	14.4	305100.3	54.01	2.87	4.46	0.00
23/12/2023 06:00	14.4	303766.3	54.48	3.20	4.53	0.00
23/12/2023 07:00	14.5	310061.0	54.20	3.10	4.53	0.00
23/12/2023 08:00	14.5	314171.3	54.45	2.85	4.45	0.00
23/12/2023 09:00	14.5	314603.6	54.78	2.98	4.32	0.00
23/12/2023 10:00	14.5	311315.4	54.58	3.13	4.24	0.00
23/12/2023 11:00	14.5	310268.7	54.04	2.77	4.13	0.00
23/12/2023 12:00	14.5	289907.0	56.32	2.84	4.28	0.00
23/12/2023 13:00	14.5	337945.1	53.13	3.23	4.50	0.00
23/12/2023 14:00	14.6	339105.7	54.94	3.10	4.38	0.00
23/12/2023 15:00	14.6	337868.3	54.83	3.15	4.22	0.00
23/12/2023 16:00	14.5	339512.4	54.38	2.85	4.17	0.00
23/12/2023 17:00	14.5	334523.3	53.35	2.68	4.16	0.00
23/12/2023 18:00	14.5	328948.2	51.39	2.36	4.14	0.00
23/12/2023 19:00	14.5	329892.5	51.11	2.34	4.23	0.00
23/12/2023 20:00	14.5	329670.6	52.44	2.55	4.30	0.00
23/12/2023 21:00	14.5	329039.2	53.35	2.49	4.28	0.00
23/12/2023 22:00	14.5	324900.5	53.61	2.36	4.30	0.00
23/12/2023 23:00	14.5	293602.7	56.16	2.26	4.19	0.00
24/12/2023 00:00	14.5	299570.7	54.57	2.22	4.16	0.00
24/12/2023 01:00	14.4	297679.2	54.57	2.22	4.20	0.00
24/12/2023 02:00	14.4	294177.7	54.23	2.10	4.18	0.00
24/12/2023 03:00	14.4	291489.7	54.28	1.86	4.23	0.00
24/12/2023 04:00	14.4	289071.9	55.11	2.13	4.26	0.00
24/12/2023 05:00	14.4	284096.9	55.56	1.83	4.30	0.00
24/12/2023 06:00	14.4	280586.9	56.58	1.66	4.35	0.00
24/12/2023 07:00	14.4	279403.6	56.03	1.82	4.41	0.00
24/12/2023 08:00	14.4	278757.9	56.40	1.70	4.39	0.00
24/12/2023 09:00	14.5	276670.1	56.53	1.64	4.37	0.00
24/12/2023 10:00	14.5	276832.3	54.82	1.49	4.34	0.00
24/12/2023 11:00	14.5	276795.3	57.65	1.58	4.25	0.00
24/12/2023 12:00	14.4	276906.2	56.27	1.72	4.15	0.00
24/12/2023 13:00	14.4	276559.2	55.15	1.57	4.12	0.00
24/12/2023 14:00	14.4	278408.1	54.04	1.46	3.96	0.00
24/12/2023 15:00	14.4	279634.0	53.95	1.67	3.93	0.00
24/12/2023 16:00	14.4	277864.5	54.16	1.63	3.99	0.00
24/12/2023 17:00	14.6	272666.3	56.33	1.77	4.29	0.00
24/12/2023 18:00	14.5	304349.4	51.14	1.42	4.03	0.00
24/12/2023 19:00	14.5	305236.9	52.12	1.62	4.06	0.00
24/12/2023 20:00	14.5	306112.9	52.05	1.51	4.09	0.00
24/12/2023 21:00	14.5	287956.3	55.04	1.45	4.21	0.00
24/12/2023 22:00	14.4	280672.3	49.72	1.36	4.12	0.00
24/12/2023 23:00	14.4	280339.4	49.38	1.53	4.07	0.00
25/12/2023 00:00	14.3	279807.5	48.93	1.42	4.11	0.00
25/12/2023 01:00	14.4	278333.8	51.27	1.41	4.11	0.00
25/12/2023 02:00	14.4	277102.5	54.70	1.46	4.13	0.00
25/12/2023 03:00	14.4	275629.0	54.06	1.63	4.18	0.00
25/12/2023 04:00	14.4	274684.7	53.93	1.39	4.25	0.00
25/12/2023 05:00	14.4	273558.3	54.78	1.48	4.33	0.00
25/12/2023 06:00	14.4	276069.9	54.81	1.33	4.35	0.00
25/12/2023 07:00	14.4	279616.9	57.96	1.37	4.35	0.00
25/12/2023 08:00	14.4	282364.7	56.78	1.37	4.28	0.00
25/12/2023 09:00	14.4	283055.9	56.37	1.14	4.18	0.00
25/12/2023 10:00	14.4	280248.4	56.01	1.27	4.10	0.00
25/12/2023 11:00	14.4	280049.3	55.49	1.22	3.97	0.00
25/12/2023 12:00	14.6	260964.2	56.73	1.26	4.28	0.00
25/12/2023 13:00	14.5	311173.2	51.00	1.53	4.19	0.00
25/12/2023 14:00	14.5	313116.0	52.99	1.72	4.05	0.00
25/12/2023 15:00	14.5	312914.0	52.84	1.78	4.02	0.00
25/12/2023 16:00	14.5	313241.1	52.55	1.62	3.98	0.00
25/12/2023 17:00	14.5	309133.8	52.53	1.86	3.90	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/12/2023 18:00	14.5	307282.0	51.31	1.57	3.92	0.00
25/12/2023 19:00	14.5	309500.7	51.23	1.47	4.03	0.00
25/12/2023 20:00	14.5	310715.3	51.64	1.41	4.13	0.00
25/12/2023 21:00	14.5	311025.3	52.09	1.52	4.11	0.00
25/12/2023 22:00	14.5	310317.0	52.46	1.45	4.11	0.00
25/12/2023 23:00	14.4	274365.6	54.51	1.42	4.23	0.00
26/12/2023 00:00	14.4	277540.5	51.08	1.32	4.16	0.00
26/12/2023 01:00	14.4	275802.6	52.47	1.45	4.17	0.00
26/12/2023 02:00	14.4	275040.3	55.79	1.43	4.11	0.00
26/12/2023 03:00	14.4	272144.6	56.57	1.27	4.12	0.00
26/12/2023 04:00	14.5	267786.9	56.01	1.38	4.18	0.00
26/12/2023 05:00	14.5	266569.5	54.30	1.36	4.27	0.00
26/12/2023 06:00	14.5	266209.7	54.28	1.34	4.29	0.00
26/12/2023 07:00	14.5	270989.8	56.05	1.38	4.30	0.00
26/12/2023 08:00	14.5	272841.5	55.69	1.32	4.32	0.00
26/12/2023 09:00	14.5	274093.0	54.89	1.27	4.27	0.00
26/12/2023 10:00	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate	Calibrate
26/12/2023 11:00	14.4	271413.6	55.69	2.08	4.13	0.60
26/12/2023 12:00	14.5	256625.0	57.17	2.27	4.17	0.41
26/12/2023 13:00	14.4	313667.8	49.28	2.27	3.90	0.59
26/12/2023 14:00	14.4	314162.7	50.38	2.21	3.81	0.62
26/12/2023 15:00	14.4	310854.6	49.95	2.17	3.74	0.64
26/12/2023 16:00	14.4	308727.0	49.38	2.21	3.57	0.66
26/12/2023 17:00	14.4	302565.9	48.55	2.10	3.52	0.70
26/12/2023 18:00	14.4	302045.4	47.83	2.12	3.44	0.74
26/12/2023 19:00	14.4	302472.1	47.71	2.30	3.58	0.72
26/12/2023 20:00	14.4	303240.1	47.39	2.62	3.75	0.83
26/12/2023 21:00	14.4	303103.5	47.25	2.75	3.84	0.85
26/12/2023 22:00	14.4	302152.0	46.97	2.91	3.87	0.87
26/12/2023 23:00	14.4	266564.7	51.15	3.04	4.15	0.77
27/12/2023 00:00	14.4	270207.5	48.94	3.06	4.18	0.79
27/12/2023 01:00	14.4	269758.1	52.70	3.44	4.14	0.77
27/12/2023 02:00	14.4	268170.9	53.19	3.35	4.18	0.77
27/12/2023 03:00	14.4	268293.2	53.53	3.58	4.18	0.79
27/12/2023 04:00	14.4	266905.1	53.72	3.78	4.23	0.75
27/12/2023 05:00	14.4	261279.5	53.34	3.61	4.32	0.69
27/12/2023 06:00	14.5	260454.0	53.48	3.82	4.45	0.65
27/12/2023 07:00	14.4	263809.9	53.53	3.79	4.37	0.67
27/12/2023 08:00	14.4	265875.4	53.75	3.89	4.22	0.67
27/12/2023 09:00	14.4	268805.2	53.35	3.75	4.05	0.71
27/12/2023 10:00	14.5	268381.4	53.44	3.70	3.96	0.67
27/12/2023 11:00	14.4	267806.8	53.37	3.86	3.88	0.66
27/12/2023 12:00	14.6	252866.1	55.60	3.62	4.10	0.53
27/12/2023 13:00	14.3	310760.8	46.26	3.19	3.80	0.70
27/12/2023 14:00	14.3	310402.4	47.81	3.07	3.64	0.74
27/12/2023 15:00	14.3	310217.5	47.86	2.94	3.49	0.72
27/12/2023 16:00	14.3	308630.3	47.85	2.70	3.46	0.74
27/12/2023 17:00	14.3	304716.3	47.43	2.67	3.36	0.78
27/12/2023 18:00	14.3	304568.4	47.29	2.63	3.43	0.83
27/12/2023 19:00	14.3	302915.8	46.49	2.37	3.54	0.91
27/12/2023 20:00	14.3	302813.4	45.97	2.64	3.74	0.91
27/12/2023 21:00	14.4	301837.8	45.50	2.66	3.70	1.02
27/12/2023 22:00	14.3	301189.2	44.17	2.98	3.57	1.08
27/12/2023 23:00	14.5	257433.5	50.12	3.26	3.93	0.93
28/12/2023 00:00	14.4	260724.3	49.96	3.27	4.05	0.99
28/12/2023 01:00	14.5	259302.6	51.00	3.35	4.10	0.86
28/12/2023 02:00	14.5	258059.2	52.31	3.50	4.04	0.78
28/12/2023 03:00	14.5	257592.7	51.66	3.71	4.09	0.80
28/12/2023 04:00	14.5	255797.8	51.80	3.78	4.22	0.80
28/12/2023 05:00	14.5	250797.3	52.20	3.75	4.43	0.68
28/12/2023 06:00	14.5	248213.1	50.58	3.88	4.45	0.61
28/12/2023 07:00	14.6	247561.7	50.13	3.72	4.38	0.57
28/12/2023 08:00	14.6	247877.5	49.11	4.03	4.17	0.53
28/12/2023 09:00	14.5	249413.5	47.54	3.93	4.22	0.52
28/12/2023 10:00	14.5	254820.8	46.80	3.82	4.04	0.54
28/12/2023 11:00	14.4	260007.0	48.32	3.68	3.88	0.66

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/12/2023 12:00	14.5	260597.5	52.43	3.45	3.88	0.69
28/12/2023 13:00	14.4	261073.0	52.94	3.30	3.88	0.73
28/12/2023 14:00	14.4	261863.3	53.12	3.21	3.64	0.75
28/12/2023 15:00	14.4	261505.9	52.42	3.10	3.27	0.75
28/12/2023 16:00	14.4	258700.1	52.05	2.93	3.14	0.71
28/12/2023 17:00	14.5	266753.8	49.95	2.68	3.40	0.63
28/12/2023 18:00	14.3	300717.0	44.98	2.57	3.20	0.82
28/12/2023 19:00	14.3	300526.5	45.59	2.81	3.43	0.87
28/12/2023 20:00	14.3	299445.6	45.79	3.03	3.41	0.91
28/12/2023 21:00	14.4	276395.7	49.37	3.09	3.24	0.82
28/12/2023 22:00	14.4	259444.7	48.83	3.18	3.50	0.88
28/12/2023 23:00	14.4	258605.5	48.76	3.45	3.69	0.99
29/12/2023 00:00	14.4	258514.4	49.08	3.56	4.14	0.97
29/12/2023 01:00	14.4	259120.4	50.11	3.56	3.97	0.92
29/12/2023 02:00	14.4	258406.4	50.47	3.58	4.10	0.90
29/12/2023 03:00	14.4	257712.2	51.43	3.80	4.19	0.86
29/12/2023 04:00	14.4	257373.6	52.20	3.98	4.26	0.82
29/12/2023 05:00	14.5	256117.8	52.51	3.98	4.28	0.78
29/12/2023 06:00	14.5	256992.5	52.71	3.82	4.30	0.73
29/12/2023 07:00	14.5	257527.3	51.89	3.81	4.29	0.75
29/12/2023 08:00	14.5	258063.5	51.45	4.02	3.89	0.76
29/12/2023 09:00	14.5	259575.7	50.45	4.05	3.84	0.78
29/12/2023 10:00	14.5	260859.5	50.30	3.75	3.69	0.73
29/12/2023 11:00	14.4	260979.2	49.84	3.79	3.58	0.75
29/12/2023 12:00	14.4	260929.2	50.61	3.51	3.56	0.77
29/12/2023 13:00	14.4	261300.6	50.26	3.37	3.52	0.77
29/12/2023 14:00	14.4	261020.4	51.25	3.18	3.50	0.75
29/12/2023 15:00	14.4	260727.1	51.91	3.22	3.33	0.75
29/12/2023 16:00	14.4	261691.0	52.02	3.07	3.24	0.77
29/12/2023 17:00	14.4	270285.2	49.49	3.01	3.40	0.69
29/12/2023 18:00	14.3	300700.0	44.68	2.75	3.14	0.90
29/12/2023 19:00	14.3	300378.6	45.40	2.67	3.36	0.93
29/12/2023 20:00	14.3	299053.0	44.77	2.56	3.55	0.97
29/12/2023 21:00	14.4	275556.4	48.17	2.71	3.78	0.90
29/12/2023 22:00	14.4	259281.2	49.28	2.96	3.88	0.92
29/12/2023 23:00	14.4	259032.3	49.19	3.03	4.09	0.90
30/12/2023 00:00	14.4	258679.4	49.34	3.15	3.84	0.90
30/12/2023 01:00	14.4	258184.4	49.72	3.35	4.03	0.86
30/12/2023 02:00	14.4	257403.5	49.72	3.52	4.08	0.86
30/12/2023 03:00	14.4	256880.1	50.09	3.73	4.12	0.84
30/12/2023 04:00	14.4	256679.6	50.07	3.67	4.08	0.82
30/12/2023 05:00	14.4	255264.5	49.81	3.89	3.96	0.82
30/12/2023 06:00	14.4	256420.8	49.29	3.90	4.74	0.88
30/12/2023 07:00	14.4	257207.3	49.47	3.84	3.82	0.90
30/12/2023 08:00	14.5	256864.5	50.15	3.97	3.97	0.82
30/12/2023 09:00	14.5	257706.5	49.60	3.97	3.82	0.78
30/12/2023 10:00	14.5	257963.9	48.96	3.98	3.74	0.71
30/12/2023 11:00	14.4	257989.5	47.83	3.94	3.43	0.77
30/12/2023 12:00	14.4	258319.5	47.77	3.59	3.36	0.75
30/12/2023 13:00	14.4	259523.3	47.74	3.44	3.38	0.77
30/12/2023 14:00	14.4	260038.4	48.33	3.46	3.27	0.79
30/12/2023 15:00	14.4	261363.4	48.53	3.23	3.18	0.79
30/12/2023 16:00	14.3	260919.3	48.33	3.07	3.11	0.78
30/12/2023 17:00	14.4	268615.5	46.50	3.00	3.37	0.69
30/12/2023 18:00	14.2	300350.1	42.58	2.84	3.17	0.88
30/12/2023 19:00	14.3	299255.0	42.54	2.86	3.28	0.88
30/12/2023 20:00	14.3	299311.9	42.06	2.78	3.43	0.92
30/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
30/12/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
30/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK1
Periodically: 01/12/2023 00:00-30/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 18:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 19:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 20:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
31/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
Minimum	14.16	247,561.70	37.08	1.14	2.97	0.00
Maximum	14.61	369,071.90	57.96	4.05	8.17	1.42
Avg	14.46	323,820.53	47.86	2.15	4.02	0.16
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
01/12/2023 00:00	14.7	376404.9	34.89	1.80	6.00	0.00
01/12/2023 01:00	14.6	376439.0	34.99	1.95	5.33	0.00
01/12/2023 02:00	14.6	375673.8	34.51	2.04	5.29	0.00
01/12/2023 03:00	14.6	374922.9	34.36	2.06	5.57	0.00
01/12/2023 04:00	14.6	375252.9	34.12	2.03	5.28	0.00
01/12/2023 05:00	14.6	375577.1	34.43	2.08	5.22	0.00
01/12/2023 06:00	14.6	375082.2	34.62	2.10	5.62	0.00
01/12/2023 07:00	14.6	375483.3	34.71	2.12	5.69	0.00
01/12/2023 08:00	14.7	377133.0	34.69	2.05	5.40	0.00
01/12/2023 09:00	14.7	377326.5	36.03	2.07	4.60	0.00
01/12/2023 10:00	14.6	375571.4	36.77	2.02	3.64	0.00
01/12/2023 11:00	14.6	371705.8	36.57	1.95	3.15	0.00
01/12/2023 12:00	14.6	292426.8	36.71	1.86	0.27	0.00
01/12/2023 13:00	14.7	368417.7	34.68	1.83	4.42	0.00
01/12/2023 14:00	14.7	371250.7	35.27	1.77	4.80	0.00
01/12/2023 15:00	14.7	371338.9	35.94	1.70	4.66	0.00
01/12/2023 16:00	14.7	371714.4	35.85	1.70	4.82	0.00
01/12/2023 17:00	14.7	369373.4	34.84	1.68	4.82	0.00
01/12/2023 18:00	14.7	362450.0	33.59	1.67	4.43	0.00
01/12/2023 19:00	14.7	362398.8	33.18	1.69	4.03	0.00
01/12/2023 20:00	14.7	362834.0	32.67	1.65	4.03	0.00
01/12/2023 21:00	14.6	363980.3	32.29	1.77	3.52	0.02
01/12/2023 22:00	14.6	365684.2	31.85	1.76	3.77	0.02
01/12/2023 23:00	14.6	363509.5	33.63	1.76	4.16	0.00
02/12/2023 00:00	14.6	375753.5	33.66	1.82	4.97	0.00
02/12/2023 01:00	14.6	372658.7	32.88	1.80	6.14	0.00
02/12/2023 02:00	14.6	373324.3	32.44	1.89	5.83	0.00
02/12/2023 03:00	14.6	373625.8	32.20	1.94	5.61	0.00
02/12/2023 04:00	14.6	374186.2	32.45	2.00	5.04	0.00
02/12/2023 05:00	14.6	373258.9	33.36	2.03	5.91	0.00
02/12/2023 06:00	14.6	374058.2	33.80	2.04	5.98	0.00
02/12/2023 07:00	14.6	374780.7	34.14	2.06	5.68	0.00
02/12/2023 08:00	14.7	376154.6	34.34	2.09	5.14	0.00
02/12/2023 09:00	14.7	377047.7	34.35	2.03	4.88	0.00
02/12/2023 10:00	14.7	377107.4	34.66	1.96	5.23	0.00
02/12/2023 11:00	14.6	373335.7	35.49	1.88	4.03	0.00
02/12/2023 12:00	14.6	287258.3	37.74	1.79	0.35	0.00
02/12/2023 13:00	14.7	365635.8	33.92	1.83	4.51	0.00
02/12/2023 14:00	14.7	370383.2	34.47	1.77	4.99	0.00
02/12/2023 15:00	14.7	368696.4	34.38	1.68	4.60	0.00
02/12/2023 16:00	14.7	367402.2	34.38	1.71	4.29	0.00
02/12/2023 17:00	14.7	361127.3	33.58	1.66	3.81	0.00
02/12/2023 18:00	14.7	356533.6	32.36	1.67	4.11	0.00
02/12/2023 19:00	14.6	358430.8	32.29	1.69	4.73	0.00
02/12/2023 20:00	14.6	359944.1	31.51	1.66	4.55	0.00
02/12/2023 21:00	14.6	360797.4	31.56	1.68	4.42	0.00
02/12/2023 22:00	14.6	360842.9	31.16	1.76	4.68	0.04
02/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
03/12/2023 18:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 19:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 20:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
03/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 13:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 14:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 15:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 16:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 17:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 18:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 19:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 20:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
04/12/2023 22:00	15.1	290048.6	52.03	2.25	3.12	36.57
04/12/2023 23:00	14.5	361663.3	35.35	1.81	5.43	0.00
05/12/2023 00:00	14.5	346836.9	32.84	1.84	4.42	0.00
05/12/2023 01:00	14.5	333254.6	30.77	1.85	4.59	0.00
05/12/2023 02:00	14.4	331186.7	29.97	1.87	3.39	0.00
05/12/2023 03:00	14.4	328706.4	29.52	1.93	3.71	0.11
05/12/2023 04:00	14.4	325833.5	29.15	1.91	4.29	0.02
05/12/2023 05:00	14.4	318856.1	28.33	1.92	3.44	0.13
05/12/2023 06:00	14.4	312217.1	27.67	1.94	4.58	0.04
05/12/2023 07:00	14.4	311904.3	27.69	1.92	2.78	0.02
05/12/2023 08:00	14.4	306425.8	28.27	1.89	1.20	0.00
05/12/2023 09:00	14.5	306442.9	28.79	1.94	0.17	0.00
05/12/2023 10:00	14.5	305996.3	28.73	1.86	0.11	0.00
05/12/2023 11:00	14.5	307535.2	29.30	1.78	0.24	0.00
05/12/2023 12:00	14.6	290253.5	34.47	1.76	0.13	0.00
05/12/2023 13:00	14.7	361423.2	32.55	1.74	3.82	0.00
05/12/2023 14:00	14.7	363132.7	34.23	1.73	3.94	0.00
05/12/2023 15:00	14.7	362669.0	34.53	1.66	3.96	0.00
05/12/2023 16:00	14.7	363013.2	33.99	1.63	4.38	0.00
05/12/2023 17:00	14.6	361485.8	34.10	1.66	5.56	0.00
05/12/2023 18:00	14.6	355993.1	33.03	1.59	5.27	0.00
05/12/2023 19:00	14.6	357671.3	32.42	1.56	4.88	0.00
05/12/2023 20:00	14.6	360322.4	32.29	1.60	5.02	0.00
05/12/2023 21:00	14.6	359372.3	32.25	1.64	5.17	0.00
05/12/2023 22:00	14.6	358658.4	32.36	1.73	4.80	0.00
05/12/2023 23:00	14.6	363510.9	32.95	1.76	4.75	0.09
06/12/2023 00:00	14.6	373495.0	32.27	1.85	5.68	0.20
06/12/2023 01:00	14.6	373449.5	31.93	1.82	4.66	0.02
06/12/2023 02:00	14.6	372920.4	31.72	1.86	4.52	0.02
06/12/2023 03:00	14.5	372815.2	31.67	1.95	4.76	0.04
06/12/2023 04:00	14.6	372476.7	31.24	1.82	5.82	0.04
06/12/2023 05:00	14.6	373102.5	32.05	2.01	6.39	0.04
06/12/2023 06:00	14.6	372852.2	30.97	1.84	6.11	0.04
06/12/2023 07:00	14.5	373475.1	30.90	1.95	6.19	0.13
06/12/2023 08:00	14.6	375050.9	31.83	1.94	4.91	0.04
06/12/2023 09:00	14.6	377508.5	33.24	1.98	3.84	0.00
06/12/2023 10:00	14.6	375858.7	34.64	1.89	2.49	0.00
06/12/2023 11:00	14.6	371944.8	35.38	1.86	2.46	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
06/12/2023 12:00	14.7	290978.8	36.15	1.89	0.11	0.00
06/12/2023 13:00	14.6	368645.2	31.19	1.44	3.72	0.00
06/12/2023 14:00	14.7	372883.4	29.69	1.69	3.31	0.00
06/12/2023 15:00	14.6	371893.6	31.32	1.93	3.21	0.00
06/12/2023 16:00	14.6	371102.8	31.82	1.90	3.25	0.00
06/12/2023 17:00	14.6	369842.7	31.23	1.74	3.30	0.00
06/12/2023 18:00	14.6	363172.5	31.72	1.84	4.44	0.00
06/12/2023 19:00	14.5	360202.9	32.38	1.94	8.50	0.00
06/12/2023 20:00	14.6	360951.0	32.82	2.10	6.71	0.00
06/12/2023 21:00	14.6	361084.7	32.37	2.15	7.55	0.00
06/12/2023 22:00	14.5	358996.9	32.08	2.12	12.81	0.00
06/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
07/12/2023 13:00	14.7	372547.8	34.71	1.97	5.23	0.00
07/12/2023 14:00	14.7	375090.7	36.63	1.89	5.61	0.00
07/12/2023 15:00	14.7	373842.0	36.05	1.87	4.71	0.00
07/12/2023 16:00	14.7	375955.4	36.36	1.86	4.96	0.00
07/12/2023 17:00	14.7	374877.4	35.78	1.85	5.11	0.00
07/12/2023 18:00	14.7	369845.6	34.63	1.90	5.53	0.00
07/12/2023 19:00	14.6	364421.2	33.78	1.95	6.20	0.00
07/12/2023 20:00	14.6	362535.3	33.86	2.10	6.47	0.00
07/12/2023 21:00	14.6	363229.4	33.92	2.08	6.70	0.00
07/12/2023 22:00	14.6	362942.1	33.81	2.09	7.03	0.00
07/12/2023 23:00	14.6	347820.6	37.16	2.12	5.00	0.02
08/12/2023 00:00	14.6	374564.5	33.82	2.10	6.20	0.13
08/12/2023 01:00	14.6	373893.2	33.17	2.20	5.86	0.02
08/12/2023 02:00	14.6	373304.4	33.88	2.25	6.37	0.02
08/12/2023 03:00	14.6	373256.1	33.81	2.25	6.96	0.02
08/12/2023 04:00	14.6	372923.3	33.76	2.29	6.66	0.02
08/12/2023 05:00	14.6	372806.6	33.58	2.35	6.59	0.04
08/12/2023 06:00	14.6	372269.0	33.99	2.31	6.35	0.02
08/12/2023 07:00	14.6	372465.3	34.53	2.34	5.87	0.02
08/12/2023 08:00	14.6	374342.6	35.09	2.37	5.14	0.02
08/12/2023 09:00	14.7	376854.3	35.06	2.32	3.99	0.02
08/12/2023 10:00	14.7	377952.3	35.53	2.28	3.15	0.00
08/12/2023 11:00	14.7	373512.1	36.80	2.18	2.03	0.00
08/12/2023 12:00	14.6	299683.0	37.15	2.07	0.29	0.00
08/12/2023 13:00	14.8	370533.9	35.78	1.97	5.06	0.00
08/12/2023 14:00	14.8	372761.1	36.81	2.13	5.37	0.00
08/12/2023 15:00	14.9	373335.7	37.24	2.07	4.83	0.00
08/12/2023 16:00	14.8	373466.6	38.47	1.99	4.37	0.00
08/12/2023 17:00	14.7	373324.3	36.71	1.81	3.93	0.00
08/12/2023 18:00	14.7	369279.5	34.48	1.85	3.97	0.00
08/12/2023 19:00	14.6	365886.1	33.80	2.04	4.25	0.09
08/12/2023 20:00	14.6	365248.9	33.73	2.08	5.00	0.07
08/12/2023 21:00	14.6	365826.4	33.79	2.12	5.26	0.04
08/12/2023 22:00	14.6	365533.4	34.35	2.26	5.49	0.04
08/12/2023 23:00	14.6	357221.8	34.42	2.18	4.15	0.02
09/12/2023 00:00	14.6	377010.7	34.11	2.24	5.55	0.11
09/12/2023 01:00	14.6	375358.1	32.71	2.14	5.86	0.46
09/12/2023 02:00	14.6	375625.5	33.48	2.26	6.05	0.16
09/12/2023 03:00	14.6	375520.3	33.63	2.24	6.27	0.07
09/12/2023 04:00	14.6	375005.4	34.27	2.31	6.19	0.04
09/12/2023 05:00	14.6	374322.7	33.83	2.25	6.67	0.04

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
09/12/2023 06:00	14.6	374052.5	33.70	2.17	6.67	0.02
09/12/2023 07:00	14.6	373887.5	33.35	2.19	5.55	0.02
09/12/2023 08:00	14.6	375588.5	33.94	2.31	4.50	0.02
09/12/2023 09:00	14.7	377938.0	34.74	2.26	3.47	0.00
09/12/2023 10:00	14.7	378310.6	34.60	2.19	3.25	0.00
09/12/2023 11:00	14.7	374245.9	36.10	2.18	3.80	0.00
09/12/2023 12:00	14.6	306742.9	36.79	2.11	0.71	0.00
09/12/2023 13:00	14.7	371734.3	35.06	2.02	4.75	0.00
09/12/2023 14:00	14.7	372744.1	35.45	2.03	4.78	0.00
09/12/2023 15:00	14.8	371856.6	35.48	1.92	3.66	0.00
09/12/2023 16:00	14.7	372564.9	36.03	1.84	3.53	0.00
09/12/2023 17:00	14.7	369629.4	34.01	1.84	3.63	0.00
09/12/2023 18:00	14.6	362834.0	33.26	1.98	3.77	0.02
09/12/2023 19:00	14.6	363425.7	32.73	2.10	4.18	0.04
09/12/2023 20:00	14.6	362754.4	32.11	2.09	4.29	0.04
09/12/2023 21:00	14.6	363249.3	32.37	2.20	4.66	0.04
09/12/2023 22:00	14.6	362839.7	32.89	2.27	5.09	0.11
09/12/2023 23:00	14.6	351650.8	33.72	2.22	3.96	0.07
10/12/2023 00:00	14.6	377733.2	33.07	2.32	5.75	0.09
10/12/2023 01:00	14.6	376530.0	32.71	2.36	5.04	0.20
10/12/2023 02:00	14.6	376640.9	31.68	2.29	5.12	0.20
10/12/2023 03:00	14.6	376006.6	31.18	2.33	5.78	0.33
10/12/2023 04:00	14.6	373995.6	31.04	2.39	4.91	0.42
10/12/2023 05:00	14.6	373543.3	30.71	2.28	4.62	0.28
10/12/2023 06:00	14.6	373369.8	31.08	2.39	5.01	0.37
10/12/2023 07:00	14.6	373497.8	30.89	2.39	4.25	0.44
10/12/2023 08:00	14.6	375104.9	32.63	2.48	4.21	0.18
10/12/2023 09:00	14.7	377064.8	33.96	2.48	4.28	0.02
10/12/2023 10:00	14.7	376976.6	34.79	2.35	3.60	0.00
10/12/2023 11:00	14.7	375267.1	36.50	2.25	2.88	0.00
10/12/2023 12:00	14.7	373418.2	36.81	2.15	2.74	0.00
10/12/2023 13:00	14.8	371981.8	37.29	2.20	3.13	0.00
10/12/2023 14:00	14.8	371008.9	37.44	2.10	3.03	0.00
10/12/2023 15:00	14.8	370349.0	37.61	2.18	3.18	0.00
10/12/2023 16:00	14.7	351129.1	35.70	2.05	2.26	0.00
10/12/2023 17:00	14.7	317703.7	37.55	1.95	2.11	0.00
10/12/2023 18:00	14.7	354531.1	33.41	1.92	4.32	0.00
10/12/2023 19:00	14.6	354778.6	33.57	2.13	4.13	0.02
10/12/2023 20:00	14.6	355740.0	32.75	2.19	3.38	0.04
10/12/2023 21:00	14.6	343440.3	34.56	2.25	2.97	0.02
10/12/2023 22:00	14.6	377761.7	34.11	2.19	4.83	0.07
10/12/2023 23:00	14.6	377983.5	33.67	2.19	4.99	0.07
11/12/2023 00:00	14.6	376962.4	33.39	2.23	5.70	0.04
11/12/2023 01:00	14.6	376612.2	33.27	2.34	6.22	0.07
11/12/2023 02:00	14.6	375719.3	33.24	2.39	6.39	0.07
11/12/2023 03:00	14.6	374422.3	32.54	2.36	6.19	0.13
11/12/2023 04:00	14.6	374032.6	32.42	2.40	7.30	0.11
11/12/2023 05:00	14.6	373861.9	32.04	2.39	8.72	0.11
11/12/2023 06:00	14.6	374086.6	31.97	2.39	9.05	0.09
11/12/2023 07:00	14.6	374373.9	32.17	2.42	6.98	0.07
11/12/2023 08:00	14.6	375403.6	31.90	2.36	5.33	0.02
11/12/2023 09:00	14.6	376808.8	31.91	2.32	4.62	0.00
11/12/2023 10:00	14.7	377292.3	33.29	2.22	3.40	0.00
11/12/2023 11:00	14.6	372308.9	34.93	2.13	2.49	0.00
11/12/2023 12:00	14.6	290057.4	36.59	2.09	0.18	0.00
11/12/2023 13:00	14.8	364517.9	34.67	2.12	4.09	0.00
11/12/2023 14:00	14.8	365954.4	35.64	2.26	4.32	0.00
11/12/2023 15:00	14.8	366102.3	35.98	2.27	4.24	0.00
11/12/2023 16:00	14.8	368884.2	35.88	2.15	4.31	0.00
11/12/2023 17:00	14.8	367106.4	35.68	2.06	4.62	0.00
11/12/2023 18:00	14.7	361278.1	34.59	2.00	4.42	0.02
11/12/2023 19:00	14.7	363468.3	33.70	2.03	4.59	0.02
11/12/2023 20:00	14.7	367248.6	33.69	2.16	4.76	0.00
11/12/2023 21:00	14.6	368346.6	32.89	2.24	4.98	0.02
11/12/2023 22:00	14.6	366437.9	32.30	2.25	5.12	0.04
11/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
12/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
12/12/2023 13:00	14.7	367982.5	32.90	2.18	3.92	0.00
12/12/2023 14:00	14.8	367626.9	38.76	2.35	3.80	0.00
12/12/2023 15:00	14.7	368144.6	35.96	2.36	3.78	0.00
12/12/2023 16:00	14.7	370297.8	33.40	2.19	4.04	0.00
12/12/2023 17:00	14.6	368975.2	33.21	2.06	4.15	0.00
12/12/2023 18:00	14.6	365874.7	32.72	1.99	4.46	0.00
12/12/2023 19:00	14.7	371427.1	35.11	2.04	4.82	0.00
12/12/2023 20:00	14.7	371290.6	35.07	2.24	4.41	0.04
12/12/2023 21:00	14.6	362450.0	33.90	2.33	3.30	0.07
12/12/2023 22:00	14.6	363155.4	33.34	2.35	3.84	0.04
12/12/2023 23:00	14.6	362970.6	33.21	2.29	3.91	0.18
13/12/2023 00:00	14.6	374103.7	33.05	2.26	5.27	0.24
13/12/2023 01:00	14.6	373568.9	33.15	2.30	5.26	0.38
13/12/2023 02:00	14.6	372974.5	33.43	2.36	5.89	0.15
13/12/2023 03:00	14.6	373042.7	33.10	2.25	5.44	0.04
13/12/2023 04:00	14.6	372627.4	33.38	2.36	5.63	0.11
13/12/2023 05:00	14.6	372397.0	33.48	2.34	5.50	0.07
13/12/2023 06:00	14.6	371922.0	33.40	2.32	5.96	0.04
13/12/2023 07:00	14.6	372015.9	34.20	2.29	5.78	0.04
13/12/2023 08:00	14.6	373839.2	35.24	2.35	5.08	0.02
13/12/2023 09:00	14.7	376083.4	35.47	2.30	4.16	0.00
13/12/2023 10:00	14.7	375400.8	35.97	2.23	3.70	0.00
13/12/2023 11:00	14.7	374260.2	36.76	2.09	3.51	0.00
13/12/2023 12:00	14.6	317746.4	35.73	2.07	1.07	0.00
13/12/2023 13:00	14.7	369609.5	36.35	2.19	4.41	0.00
13/12/2023 14:00	14.7	371552.3	37.44	2.22	4.24	0.00
13/12/2023 15:00	14.6	369006.5	32.37	2.08	4.29	0.00
13/12/2023 16:00	14.6	370684.7	32.29	1.94	4.29	0.00
13/12/2023 17:00	14.6	367894.3	31.95	1.86	4.33	0.00
13/12/2023 18:00	14.6	365422.5	31.52	1.83	4.77	0.00
13/12/2023 19:00	14.6	369475.8	32.98	1.84	5.31	0.00
13/12/2023 20:00	14.7	371119.9	34.56	1.83	5.51	0.00
13/12/2023 21:00	14.6	364722.7	33.87	2.02	5.63	0.02
13/12/2023 22:00	14.6	363146.9	33.58	2.08	5.31	0.02
13/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
14/12/2023 13:00	14.7	371566.5	36.49	1.97	4.38	0.00
14/12/2023 14:00	14.7	371210.9	39.27	2.16	4.26	0.00
14/12/2023 15:00	14.7	371114.2	38.86	2.19	3.51	0.00
14/12/2023 16:00	14.7	372058.6	37.49	1.95	4.19	0.00
14/12/2023 17:00	14.7	370366.1	35.33	1.98	5.04	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
14/12/2023 18:00	14.7	366272.9	34.51	1.84	5.33	0.00
14/12/2023 19:00	14.7	367274.2	34.58	2.07	4.46	0.00
14/12/2023 20:00	14.7	366796.3	34.65	2.14	3.88	0.00
14/12/2023 21:00	14.6	362831.2	33.80	2.21	4.16	0.02
14/12/2023 22:00	14.6	363309.0	33.63	2.25	4.42	0.02
14/12/2023 23:00	14.6	362818.3	36.43	2.28	3.12	0.02
15/12/2023 00:00	14.7	376276.9	35.62	2.27	3.81	0.00
15/12/2023 01:00	14.6	375434.9	35.39	2.29	4.26	0.02
15/12/2023 02:00	14.6	374829.0	35.12	2.33	4.35	0.02
15/12/2023 03:00	14.6	373600.3	34.61	2.32	4.95	0.04
15/12/2023 04:00	14.6	373239.0	34.52	2.49	6.17	0.11
15/12/2023 05:00	14.6	372934.6	34.67	2.49	6.59	0.09
15/12/2023 06:00	14.6	372388.5	35.13	2.47	6.82	0.07
15/12/2023 07:00	14.6	373105.3	35.27	2.45	5.86	0.04
15/12/2023 08:00	14.7	374789.2	36.31	2.49	4.70	0.02
15/12/2023 09:00	14.7	377050.6	36.57	2.44	3.85	0.00
15/12/2023 10:00	14.7	375560.1	37.68	2.32	3.12	0.00
15/12/2023 11:00	14.7	373836.3	38.33	2.21	2.63	0.00
15/12/2023 12:00	14.7	341583.2	35.45	2.23	1.36	0.00
15/12/2023 13:00	14.7	369236.9	36.84	2.42	4.21	0.00
15/12/2023 14:00	14.7	369990.6	38.38	2.48	4.33	0.00
15/12/2023 15:00	14.8	369387.6	40.19	2.54	3.66	0.00
15/12/2023 16:00	14.8	370482.7	39.99	2.46	4.09	0.00
15/12/2023 17:00	14.8	368366.5	37.29	2.25	4.59	0.00
15/12/2023 18:00	14.7	364188.0	36.34	2.12	4.15	0.00
15/12/2023 19:00	14.7	363673.1	35.54	2.23	3.97	0.00
15/12/2023 20:00	14.6	365103.9	34.45	2.33	3.61	0.02
15/12/2023 21:00	14.6	364583.3	33.70	2.23	3.54	0.02
15/12/2023 22:00	14.6	362748.7	33.22	2.31	3.66	0.04
15/12/2023 23:00	14.6	362804.1	34.55	2.33	3.85	0.09
16/12/2023 00:00	14.6	376106.2	34.15	2.35	5.09	0.11
16/12/2023 01:00	14.6	375301.2	34.13	2.39	4.74	0.11
16/12/2023 02:00	14.6	375434.9	33.67	2.41	4.76	0.11
16/12/2023 03:00	14.6	374120.8	32.75	2.44	4.86	0.35
16/12/2023 04:00	14.6	373853.4	32.77	2.44	4.99	0.26
16/12/2023 05:00	14.6	373620.2	32.57	2.44	5.45	0.22
16/12/2023 06:00	14.6	373338.6	33.29	2.56	5.13	0.26
16/12/2023 07:00	14.6	374106.6	33.32	2.52	4.70	0.13
16/12/2023 08:00	14.6	376131.8	34.12	2.59	4.39	0.16
16/12/2023 09:00	14.7	376723.4	36.11	2.53	3.44	0.00
16/12/2023 10:00	14.7	374612.9	37.56	2.38	2.89	0.00
16/12/2023 11:00	14.7	372286.1	38.21	2.30	2.17	0.00
16/12/2023 12:00	14.7	332830.8	35.51	2.32	1.02	0.00
16/12/2023 13:00	14.7	367342.5	35.70	2.28	3.28	0.00
16/12/2023 14:00	14.7	366002.7	33.67	2.36	3.49	0.00
16/12/2023 15:00	14.7	365408.3	33.34	2.44	3.84	0.00
16/12/2023 16:00	14.7	365820.7	33.24	2.30	4.11	0.00
16/12/2023 17:00	14.7	363926.3	33.50	2.25	3.78	4.30
16/12/2023 18:00	14.7	360925.4	35.47	2.18	3.31	0.02
16/12/2023 19:00	14.7	362350.5	35.29	2.15	3.18	0.00
16/12/2023 20:00	14.7	363667.4	35.20	2.35	3.40	0.02
16/12/2023 21:00	14.6	363576.4	33.86	2.33	4.37	0.04
16/12/2023 22:00	14.6	360996.5	33.30	2.34	5.17	0.07
16/12/2023 23:00	14.6	363582.0	34.20	2.40	4.64	0.20
17/12/2023 00:00	14.6	373142.3	31.88	2.35	5.09	0.18
17/12/2023 01:00	14.6	374156.9	33.46	2.43	5.24	0.11
17/12/2023 02:00	14.7	375130.6	35.15	2.45	5.06	0.04
17/12/2023 03:00	14.6	374052.5	34.69	2.42	5.36	0.04
17/12/2023 04:00	14.6	373864.8	34.45	2.39	5.43	0.04
17/12/2023 05:00	14.6	372633.1	34.08	2.32	5.99	0.09
17/12/2023 06:00	14.6	373014.3	33.97	2.25	6.25	0.04
17/12/2023 07:00	14.6	374297.1	35.24	2.40	5.84	0.02
17/12/2023 08:00	14.7	375688.1	36.02	2.37	5.05	0.00
17/12/2023 09:00	14.7	377189.9	36.88	2.49	4.28	0.00
17/12/2023 10:00	14.7	377170.0	36.78	2.26	3.51	0.00
17/12/2023 11:00	14.7	375383.7	37.39	2.21	3.15	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
17/12/2023 12:00	14.6	373591.7	34.54	2.11	3.44	0.00
17/12/2023 13:00	14.6	372781.0	33.15	2.21	4.35	0.00
17/12/2023 14:00	14.6	372914.7	33.00	2.26	3.92	0.00
17/12/2023 15:00	14.6	373216.3	32.96	2.30	3.45	0.00
17/12/2023 16:00	14.6	338809.8	32.11	2.15	2.10	0.00
17/12/2023 17:00	14.7	311519.8	40.26	2.10	1.78	0.00
17/12/2023 18:00	14.7	352821.6	34.76	2.05	4.24	0.00
17/12/2023 19:00	14.6	352949.6	34.48	2.00	4.49	0.00
17/12/2023 20:00	14.6	354408.8	34.14	1.93	5.23	0.00
17/12/2023 21:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 22:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
17/12/2023 23:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 00:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 01:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 02:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 03:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 04:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 05:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 06:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 07:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 08:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 09:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 10:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 11:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 12:00	Shut down	Shut down	Shut down	Shut down	Shut down	Shut down
18/12/2023 13:00	14.7	372109.8	37.19	2.16	5.29	0.00
18/12/2023 14:00	14.8	372715.6	38.22	2.21	4.75	0.00
18/12/2023 15:00	14.7	373167.9	38.36	2.23	3.95	0.00
18/12/2023 16:00	14.6	368156.0	32.94	1.99	3.54	0.00
18/12/2023 17:00	14.6	369342.1	33.90	1.91	3.84	0.00
18/12/2023 18:00	14.7	366585.8	35.97	2.05	3.84	0.00
18/12/2023 19:00	14.7	367874.4	35.56	2.22	4.25	0.02
18/12/2023 20:00	14.6	367319.7	35.43	2.35	4.88	0.04
18/12/2023 21:00	14.6	361110.3	34.41	2.36	4.80	0.02
18/12/2023 22:00	14.6	361178.6	34.26	2.36	4.85	0.04
18/12/2023 23:00	14.6	337917.9	34.10	2.39	4.17	0.07
19/12/2023 00:00	14.5	347206.6	32.76	2.43	5.11	0.07
19/12/2023 01:00	14.6	347499.6	33.67	2.50	5.56	0.02
19/12/2023 02:00	14.6	345810.0	33.97	2.52	5.23	0.02
19/12/2023 03:00	14.5	341998.5	33.79	2.54	5.18	0.02
19/12/2023 04:00	14.5	341847.7	33.99	2.54	5.42	0.00
19/12/2023 05:00	14.5	337083.3	33.60	2.51	5.48	0.00
19/12/2023 06:00	14.5	336056.4	33.46	2.53	5.45	0.00
19/12/2023 07:00	14.6	346785.7	34.22	2.57	5.90	0.00
19/12/2023 08:00	14.6	357773.8	35.15	2.57	5.87	0.02
19/12/2023 09:00	14.7	361539.8	35.93	2.56	4.90	0.02
19/12/2023 10:00	14.7	361741.8	35.36	2.34	4.44	0.00
19/12/2023 11:00	14.7	360544.3	35.61	2.28	3.87	0.00
19/12/2023 12:00	14.7	310459.2	37.91	2.25	1.67	0.00
19/12/2023 13:00	14.7	369839.9	37.91	2.37	4.45	0.00
19/12/2023 14:00	14.7	371953.3	39.58	2.41	4.46	0.00
19/12/2023 15:00	14.7	369160.1	35.58	2.14	3.87	0.00
19/12/2023 16:00	14.6	368096.3	32.76	1.94	3.44	0.00
19/12/2023 17:00	14.6	367564.3	33.29	1.96	2.73	0.00
19/12/2023 18:00	14.7	368320.9	36.03	2.02	3.09	0.00
19/12/2023 19:00	14.7	369012.2	35.97	2.04	4.45	0.00
19/12/2023 20:00	14.7	367265.7	35.24	2.18	5.28	0.02
19/12/2023 21:00	14.6	361633.7	33.97	2.32	5.88	0.04
19/12/2023 22:00	14.6	360774.6	32.89	2.25	6.17	0.07
19/12/2023 23:00	14.6	336154.3	34.09	2.38	4.29	0.04
20/12/2023 00:00	14.6	345847.0	34.20	2.46	5.43	0.04
20/12/2023 01:00	14.6	346831.2	33.90	2.44	5.38	0.02
20/12/2023 02:00	14.6	344498.7	33.85	2.48	4.87	0.00
20/12/2023 03:00	14.5	342015.5	33.42	2.47	5.18	0.00
20/12/2023 04:00	14.5	342206.1	33.26	2.47	5.55	0.00
20/12/2023 05:00	14.5	337379.1	33.20	2.48	5.34	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
20/12/2023 06:00	14.5	336198.6	33.20	2.51	5.42	0.00
20/12/2023 07:00	14.6	349539.1	34.10	2.55	6.02	0.00
20/12/2023 08:00	14.6	358288.6	35.10	2.55	5.75	0.00
20/12/2023 09:00	14.7	362285.0	35.27	2.47	4.71	0.00
20/12/2023 10:00	14.7	359622.6	35.82	2.49	4.28	0.02
20/12/2023 11:00	14.7	357839.2	36.34	2.50	3.73	0.00
20/12/2023 12:00	14.7	313829.9	39.29	2.35	1.99	0.00
20/12/2023 13:00	14.7	365897.5	35.35	2.25	4.68	0.00
20/12/2023 14:00	14.8	371765.6	38.76	2.35	4.64	0.00
20/12/2023 15:00	14.8	371222.3	39.28	2.37	3.50	0.00
20/12/2023 16:00	14.6	366998.3	33.46	2.14	2.76	0.00
20/12/2023 17:00	14.6	365069.8	33.78	2.10	2.71	0.00
20/12/2023 18:00	14.7	367112.1	36.53	2.10	3.98	0.00
20/12/2023 19:00	14.7	367279.9	36.58	2.10	5.56	0.00
20/12/2023 20:00	14.7	366602.9	35.92	2.16	6.09	0.00
20/12/2023 21:00	14.7	361852.7	35.63	2.34	6.07	0.00
20/12/2023 22:00	14.6	361372.0	35.45	2.37	6.05	0.02
20/12/2023 23:00	14.6	335736.2	36.29	2.49	4.68	0.00
21/12/2023 00:00	14.6	344501.6	34.68	2.46	5.48	0.00
21/12/2023 01:00	14.6	346083.1	34.90	2.53	5.67	0.00
21/12/2023 02:00	14.6	343565.8	34.80	2.55	5.58	0.00
21/12/2023 03:00	14.6	342052.5	35.22	2.61	5.31	0.00
21/12/2023 04:00	14.6	340869.2	35.60	2.64	5.40	0.00
21/12/2023 05:00	14.5	334745.1	35.06	2.62	5.16	0.00
21/12/2023 06:00	14.5	332921.8	34.91	2.62	5.22	0.00
21/12/2023 07:00	14.6	343232.9	36.21	2.61	5.97	0.00
21/12/2023 08:00	14.6	353043.4	37.21	2.61	6.37	0.00
21/12/2023 09:00	14.6	354164.2	37.09	2.59	5.39	0.00
21/12/2023 10:00	14.6	352545.7	37.17	2.60	4.24	0.00
21/12/2023 11:00	14.7	350324.2	37.54	2.56	3.89	0.02
21/12/2023 12:00	14.7	347377.3	37.49	2.41	4.08	0.02
21/12/2023 13:00	14.6	385689.1	38.67	2.23	6.17	0.00
21/12/2023 14:00	14.7	365365.6	36.78	2.16	5.40	0.00
21/12/2023 15:00	14.8	369501.4	39.60	2.15	5.22	0.00
21/12/2023 16:00	14.8	369689.1	40.05	2.15	5.07	0.00
21/12/2023 17:00	14.7	367424.9	39.83	2.05	5.21	0.00
21/12/2023 18:00	14.7	363826.7	39.32	2.17	5.69	0.02
21/12/2023 19:00	14.7	363727.2	38.73	2.23	6.23	0.02
21/12/2023 20:00	14.7	363351.7	38.71	2.28	6.36	0.02
21/12/2023 21:00	14.7	359008.3	38.55	2.43	6.02	0.00
21/12/2023 22:00	14.7	357253.2	38.48	2.45	6.18	0.00
21/12/2023 23:00	14.6	331370.0	38.65	2.50	4.66	0.00
22/12/2023 00:00	14.6	338539.6	36.75	2.49	5.48	0.00
22/12/2023 01:00	14.6	339114.2	36.99	2.60	5.34	0.00
22/12/2023 02:00	14.6	338659.1	37.18	2.64	5.34	0.00
22/12/2023 03:00	14.6	334949.9	36.64	2.52	5.37	0.00
22/12/2023 04:00	14.5	332261.9	36.59	2.60	5.31	0.00
22/12/2023 05:00	14.5	328629.6	36.25	2.64	5.29	0.00
22/12/2023 06:00	14.5	327679.5	36.23	2.61	5.62	0.00
22/12/2023 07:00	14.5	334497.7	37.11	2.62	6.53	0.00
22/12/2023 08:00	14.6	341768.1	38.29	2.62	6.42	0.00
22/12/2023 09:00	14.6	343324.0	39.16	2.61	5.97	0.00
22/12/2023 10:00	14.6	343289.8	38.96	2.48	5.35	0.00
22/12/2023 11:00	14.6	341483.6	38.91	2.46	4.28	0.00
22/12/2023 12:00	14.7	309100.8	46.92	2.44	2.78	0.00
22/12/2023 13:00	14.7	358359.7	40.31	2.38	6.32	0.00
22/12/2023 14:00	14.7	361502.8	40.65	2.15	6.21	0.02
22/12/2023 15:00	14.7	361881.1	42.80	2.52	5.97	0.05
22/12/2023 16:00	14.7	362714.6	42.46	2.02	5.82	0.02
22/12/2023 17:00	14.7	358336.9	41.23	1.85	6.03	0.02
22/12/2023 18:00	14.6	354329.1	40.43	1.87	6.13	0.00
22/12/2023 19:00	14.6	355449.8	40.41	1.80	6.11	0.00
22/12/2023 20:00	14.6	356055.7	40.21	1.82	6.63	0.00
22/12/2023 21:00	14.6	356095.5	40.13	1.84	6.73	0.00
22/12/2023 22:00	14.6	353967.9	40.07	1.88	6.91	0.00
22/12/2023 23:00	14.6	322785.6	39.47	1.84	4.60	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
23/12/2023 00:00	14.5	331616.3	37.29	1.84	5.22	0.00
23/12/2023 01:00	14.5	331690.2	37.57	1.86	5.16	0.00
23/12/2023 02:00	14.5	329374.8	37.31	1.77	5.04	0.00
23/12/2023 03:00	14.5	325514.9	36.84	1.74	5.19	0.00
23/12/2023 04:00	14.5	323478.3	36.49	1.72	5.15	0.00
23/12/2023 05:00	14.5	317965.8	36.01	1.62	4.94	0.00
23/12/2023 06:00	14.5	316199.3	35.86	1.58	4.80	0.00
23/12/2023 07:00	14.5	322570.9	36.13	1.43	5.29	0.00
23/12/2023 08:00	14.5	327440.6	37.15	1.48	5.21	0.00
23/12/2023 09:00	14.5	327693.8	37.51	1.44	4.65	0.00
23/12/2023 10:00	14.5	325452.3	37.22	1.38	4.28	0.00
23/12/2023 11:00	14.6	325421.0	37.62	1.47	3.62	0.00
23/12/2023 12:00	14.7	305583.6	45.35	1.45	2.58	0.00
23/12/2023 13:00	14.7	354388.9	39.50	1.51	5.96	0.00
23/12/2023 14:00	14.7	354846.8	40.92	1.48	5.95	0.02
23/12/2023 15:00	14.7	353504.3	40.89	1.50	5.71	0.02
23/12/2023 16:00	14.7	354588.0	40.98	1.50	5.58	0.02
23/12/2023 17:00	14.7	349687.0	40.27	1.47	5.68	0.00
23/12/2023 18:00	14.6	343958.3	39.14	1.48	5.77	0.00
23/12/2023 19:00	14.6	344786.0	38.79	1.39	6.13	0.00
23/12/2023 20:00	14.6	344450.4	39.22	1.37	5.99	0.00
23/12/2023 21:00	14.6	343887.2	39.84	1.44	5.86	0.00
23/12/2023 22:00	14.6	339728.6	39.41	1.39	5.66	0.00
23/12/2023 23:00	14.6	308270.2	39.66	1.29	3.46	0.00
24/12/2023 00:00	14.5	314304.9	35.76	1.31	3.81	0.00
24/12/2023 01:00	14.5	312535.7	35.64	1.30	3.82	0.00
24/12/2023 02:00	14.5	308789.6	35.05	1.23	3.33	0.00
24/12/2023 03:00	14.5	305709.0	34.91	1.25	2.96	0.00
24/12/2023 04:00	14.5	303820.3	34.78	1.23	2.84	0.00
24/12/2023 05:00	14.5	298822.6	34.42	1.23	2.54	0.00
24/12/2023 06:00	14.5	295924.2	36.25	1.08	2.46	0.00
24/12/2023 07:00	14.5	294288.6	38.60	1.13	2.25	0.00
24/12/2023 08:00	14.5	293355.6	39.70	1.13	2.17	0.00
24/12/2023 09:00	14.5	291902.1	40.85	1.20	1.89	0.00
24/12/2023 10:00	14.5	291765.6	40.31	1.15	1.94	0.00
24/12/2023 11:00	14.5	292300.3	39.23	1.20	1.70	0.00
24/12/2023 12:00	14.5	293204.9	36.59	1.22	1.53	0.00
24/12/2023 13:00	14.5	293111.0	35.23	1.20	1.20	0.00
24/12/2023 14:00	14.5	295449.1	33.26	1.29	1.29	0.00
24/12/2023 15:00	14.5	296171.6	33.06	1.33	1.22	0.00
24/12/2023 16:00	14.5	294055.3	35.10	1.33	1.18	0.00
24/12/2023 17:00	14.7	288339.5	48.50	1.44	2.02	0.00
24/12/2023 18:00	14.5	319840.3	34.52	1.27	3.80	0.00
24/12/2023 19:00	14.5	320295.3	35.07	1.31	4.04	0.00
24/12/2023 20:00	14.5	320926.8	35.24	1.40	4.26	0.00
24/12/2023 21:00	14.6	303697.6	40.10	1.36	2.96	0.00
24/12/2023 22:00	14.5	296990.8	32.58	1.30	1.98	0.00
24/12/2023 23:00	14.5	296626.7	32.75	1.32	1.69	0.00
25/12/2023 00:00	14.5	295631.2	32.97	1.32	1.65	0.00
25/12/2023 01:00	14.5	295053.9	33.75	1.35	1.65	0.00
25/12/2023 02:00	14.5	293270.3	35.91	1.39	1.50	0.00
25/12/2023 03:00	14.5	291532.3	39.78	1.37	1.53	0.00
25/12/2023 04:00	14.5	290112.9	42.03	1.42	1.66	0.00
25/12/2023 05:00	14.5	289299.4	44.03	1.35	1.79	0.00
25/12/2023 06:00	14.5	290846.8	42.66	1.35	2.02	0.00
25/12/2023 07:00	14.5	294439.3	37.34	1.32	2.43	0.00
25/12/2023 08:00	14.5	297500.0	34.36	1.30	2.38	0.00
25/12/2023 09:00	14.5	297730.4	34.05	1.28	2.02	0.00
25/12/2023 10:00	14.5	295830.3	34.13	1.22	1.57	0.00
25/12/2023 11:00	14.5	296441.8	33.84	1.24	1.20	0.00
25/12/2023 12:00	14.7	277465.3	47.90	1.28	0.70	0.00
25/12/2023 13:00	14.6	327574.3	35.51	1.30	4.50	0.00
25/12/2023 14:00	14.6	329107.4	37.21	1.33	3.98	0.02
25/12/2023 15:00	14.6	329061.9	37.10	1.35	4.04	0.00
25/12/2023 16:00	14.6	329150.1	37.17	1.35	4.20	0.00
25/12/2023 17:00	14.6	324735.5	36.33	1.36	3.94	0.00

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
25/12/2023 18:00	14.6	322340.5	35.44	1.31	3.98	0.00
25/12/2023 19:00	14.5	324991.5	35.09	1.29	4.58	0.00
25/12/2023 20:00	14.5	326450.7	35.69	1.36	5.00	0.02
25/12/2023 21:00	14.6	326880.3	35.94	1.34	4.95	0.02
25/12/2023 22:00	14.6	325742.5	36.12	1.34	4.82	0.00
25/12/2023 23:00	14.6	290246.3	38.70	1.34	1.69	0.00
26/12/2023 00:00	14.5	293634.4	35.72	1.35	1.87	0.00
26/12/2023 01:00	14.5	292323.1	37.24	1.37	1.98	0.00
26/12/2023 02:00	14.5	291048.8	37.94	1.35	2.11	0.00
26/12/2023 03:00	14.5	288224.3	41.11	1.31	2.12	0.00
26/12/2023 04:00	14.6	283758.5	46.46	1.38	1.67	0.00
26/12/2023 05:00	14.6	282120.1	48.56	1.32	1.39	0.00
26/12/2023 06:00	14.6	281383.3	49.54	1.37	1.34	0.00
26/12/2023 07:00	14.6	287112.1	44.81	1.34	1.60	0.00
26/12/2023 08:00	14.5	288542.8	43.12	1.33	1.38	0.00
26/12/2023 09:00	14.5	290081.7	40.89	1.29	1.64	0.00
26/12/2023 10:00	Calicration	Calicration	Calicration	Calicration	Calicration	Calicration
26/12/2023 11:00	14.6	287388.0	35.93	1.32	0.95	0.09
26/12/2023 12:00	14.7	273005.2	44.61	1.49	0.29	0.05
26/12/2023 13:00	14.6	330097.3	28.02	1.41	4.19	0.11
26/12/2023 14:00	14.6	329972.2	29.48	1.50	4.04	0.15
26/12/2023 15:00	14.6	326544.6	28.55	1.39	3.75	0.13
26/12/2023 16:00	14.6	324852.2	28.20	1.41	3.38	0.18
26/12/2023 17:00	14.6	318474.9	27.10	1.41	2.99	0.15
26/12/2023 18:00	14.5	317524.9	26.05	1.38	2.19	0.17
26/12/2023 19:00	14.5	317991.3	25.68	1.42	3.16	0.20
26/12/2023 20:00	14.5	318079.5	25.68	1.51	3.56	0.24
26/12/2023 21:00	14.5	317920.3	25.71	1.59	3.86	0.28
26/12/2023 22:00	14.5	316725.6	25.46	1.65	4.16	0.33
26/12/2023 23:00	14.6	281428.5	36.27	1.74	1.23	0.20
27/12/2023 00:00	14.5	285672.8	33.89	1.77	1.77	0.20
27/12/2023 01:00	14.5	285072.6	34.72	1.85	1.40	0.15
27/12/2023 02:00	14.6	283346.0	36.29	1.86	1.18	0.15
27/12/2023 03:00	14.6	283664.6	36.47	1.88	1.31	0.13
27/12/2023 04:00	14.6	282068.9	37.89	1.84	1.10	0.11
27/12/2023 05:00	14.6	276795.3	43.20	1.94	0.73	0.07
27/12/2023 06:00	14.6	275631.9	44.69	1.95	0.60	0.04
27/12/2023 07:00	14.6	279463.3	41.15	1.89	0.59	0.04
27/12/2023 08:00	14.6	281781.6	39.08	1.87	0.35	0.07
27/12/2023 09:00	14.6	284722.7	35.59	1.85	0.20	0.07
27/12/2023 10:00	14.6	284483.8	34.74	1.87	0.07	0.07
27/12/2023 11:00	14.6	283855.2	34.11	1.75	0.07	0.07
27/12/2023 12:00	14.8	268721.2	42.81	1.75	0.02	0.05
27/12/2023 13:00	14.6	327008.3	26.43	1.54	3.24	0.18
27/12/2023 14:00	14.6	327062.3	28.42	1.53	3.13	0.18
27/12/2023 15:00	14.6	326775.0	28.62	1.53	2.80	0.18
27/12/2023 16:00	14.6	325250.4	28.78	1.53	2.82	0.20
27/12/2023 17:00	14.6	321401.8	27.69	1.48	1.90	0.20
27/12/2023 18:00	14.6	320275.4	27.05	1.43	2.09	0.24
27/12/2023 19:00	14.6	318045.4	26.14	1.44	2.67	0.33
27/12/2023 20:00	14.5	317581.8	25.79	1.53	3.45	0.33
27/12/2023 21:00	14.5	316930.4	25.32	1.52	3.22	0.46
27/12/2023 22:00	14.5	315690.2	24.34	1.56	3.24	0.48
27/12/2023 23:00	14.6	271869.7	39.86	1.73	0.38	0.27
28/12/2023 00:00	14.6	275313.3	39.22	1.83	0.35	0.29
28/12/2023 01:00	14.6	273703.3	41.35	1.82	0.29	0.16
28/12/2023 02:00	14.7	272687.9	43.61	1.89	0.16	0.11
28/12/2023 03:00	14.6	271302.6	44.14	1.93	0.31	0.13
28/12/2023 04:00	14.7	270224.6	46.18	2.00	0.22	0.13
28/12/2023 05:00	14.7	265108.6	49.95	2.02	0.09	0.04
28/12/2023 06:00	14.7	262631.8	48.02	2.09	0.07	0.04
28/12/2023 07:00	14.7	262415.5	47.44	2.07	0.04	0.02
28/12/2023 08:00	14.7	262414.1	46.07	2.01	0.05	0.02
28/12/2023 09:00	14.7	264241.1	44.88	2.01	0.02	0.02
28/12/2023 10:00	14.7	269590.3	40.74	1.92	0.00	0.02
28/12/2023 11:00	14.7	275620.5	37.67	1.78	0.00	0.04

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
28/12/2023 12:00	14.7	275577.8	38.49	1.75	0.00	0.04
28/12/2023 13:00	14.7	276658.7	36.68	1.68	0.02	0.07
28/12/2023 14:00	14.7	277967.2	35.45	1.64	0.02	0.07
28/12/2023 15:00	14.7	277497.8	34.38	1.59	0.00	0.09
28/12/2023 16:00	14.7	274307.2	36.20	1.64	0.00	0.07
28/12/2023 17:00	14.8	282482.3	38.01	1.63	0.59	0.14
28/12/2023 18:00	14.5	316114.0	24.67	1.49	1.25	0.22
28/12/2023 19:00	14.5	315661.8	24.62	1.50	1.98	0.22
28/12/2023 20:00	14.5	314649.1	24.60	1.57	1.83	0.26
28/12/2023 21:00	14.6	291156.4	33.02	1.66	0.71	0.22
28/12/2023 22:00	14.6	273706.2	38.67	1.81	0.02	0.20
28/12/2023 23:00	14.6	272804.5	38.96	1.81	0.02	0.27
29/12/2023 00:00	14.6	272719.2	39.25	1.83	0.09	0.22
29/12/2023 01:00	14.6	273208.4	40.57	1.86	0.04	0.18
29/12/2023 02:00	14.6	272292.5	42.03	1.95	0.07	0.18
29/12/2023 03:00	14.6	271646.8	43.63	2.04	0.11	0.16
29/12/2023 04:00	14.7	271126.3	44.72	2.05	0.18	0.11
29/12/2023 05:00	14.7	269735.3	46.25	2.05	0.20	0.09
29/12/2023 06:00	14.7	271137.7	46.13	2.05	0.27	0.07
29/12/2023 07:00	14.7	272372.2	44.90	2.11	0.24	0.07
29/12/2023 08:00	14.7	273000.8	42.61	1.98	0.09	0.07
29/12/2023 09:00	14.7	274451.4	39.16	2.00	0.00	0.07
29/12/2023 10:00	14.7	276476.7	36.55	1.98	0.00	0.07
29/12/2023 11:00	14.7	276405.6	35.50	1.87	0.00	0.07
29/12/2023 12:00	14.7	276562.0	35.50	1.77	0.00	0.07
29/12/2023 13:00	14.7	276943.2	34.04	1.77	0.00	0.07
29/12/2023 14:00	14.7	276855.0	33.98	1.66	0.00	0.07
29/12/2023 15:00	14.7	276618.9	34.12	1.71	0.00	0.09
29/12/2023 16:00	14.7	277048.4	33.99	1.69	0.00	0.07
29/12/2023 17:00	14.7	285628.8	36.62	1.69	0.68	0.11
29/12/2023 18:00	14.6	316375.7	24.54	1.55	1.14	0.22
29/12/2023 19:00	14.5	315806.8	24.54	1.57	1.09	0.26
29/12/2023 20:00	14.5	314441.5	24.04	1.59	1.87	0.30
29/12/2023 21:00	14.6	290836.3	32.62	1.61	0.93	0.24
29/12/2023 22:00	14.6	274195.4	37.64	1.75	0.04	0.22
29/12/2023 23:00	14.6	272935.3	38.20	1.75	0.02	0.20
30/12/2023 00:00	14.6	273071.9	39.13	1.86	0.00	0.18
30/12/2023 01:00	14.6	272215.7	39.99	1.84	0.02	0.13
30/12/2023 02:00	14.6	271396.5	40.70	1.89	0.11	0.13
30/12/2023 03:00	14.6	270969.8	41.54	1.98	0.09	0.11
30/12/2023 04:00	14.6	270799.2	41.79	2.02	0.13	0.11
30/12/2023 05:00	14.7	269311.5	43.26	2.05	0.02	0.11
30/12/2023 06:00	14.6	270144.9	42.14	2.06	0.04	0.15
30/12/2023 07:00	14.6	271368.1	41.30	2.06	0.00	0.13
30/12/2023 08:00	14.7	271211.6	40.52	2.00	0.02	0.07
30/12/2023 09:00	14.7	272360.8	39.04	2.03	0.00	0.07
30/12/2023 10:00	14.7	273293.8	37.06	2.03	0.00	0.07
30/12/2023 11:00	14.7	273467.3	35.00	1.90	0.00	0.09
30/12/2023 12:00	14.7	273868.3	33.87	1.79	0.00	0.07
30/12/2023 13:00	14.7	275054.5	32.30	1.72	0.00	0.09
30/12/2023 14:00	14.7	275236.5	31.99	1.72	0.00	0.07
30/12/2023 15:00	14.7	276866.4	30.33	1.68	0.00	0.07
30/12/2023 16:00	14.7	276064.3	30.88	1.70	0.00	0.07
30/12/2023 17:00	14.7	284283.1	34.15	1.67	0.52	0.11
30/12/2023 18:00	14.5	315838.1	22.96	1.55	0.81	0.22
30/12/2023 19:00	14.5	314922.2	22.61	1.54	1.15	0.28
30/12/2023 20:00	14.5	314962.0	22.50	1.62	1.15	0.35
30/12/2023 21:00	14.5	328147.1	26.10	1.64	1.88	0.24
30/12/2023 22:00	14.5	384406.3	27.21	1.70	5.03	0.44
30/12/2023 23:00	14.4	300140.9	22.98	1.65	0.54	0.45
31/12/2023 00:00	14.4	298384.6	22.33	1.79	0.11	0.34
31/12/2023 01:00	14.4	298168.4	22.17	1.78	0.49	0.37
31/12/2023 02:00	14.4	297585.3	22.34	1.78	0.56	0.34
31/12/2023 03:00	14.4	296589.8	21.93	1.78	0.39	0.39
31/12/2023 04:00	14.4	296100.5	21.58	1.84	0.45	0.38
31/12/2023 05:00	14.4	295958.3	21.23	1.84	0.73	0.43

Site Name: GULF_BL
Stack Name: HRSG_STACK2
Periodically: 01/12/2023 00:00-31/12/2023 23:59

	Actual Operation Condition		Emission Concentration for Standardization Comparison			
Date & Time	O2	FLOW @1 ATM 25C	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2
	%	m3/hr	ppm	ppm	mg/m3	ppm
31/12/2023 06:00	14.4	295898.6	21.31	1.86	0.92	0.41
31/12/2023 07:00	14.4	294629.9	21.51	1.89	0.24	0.39
31/12/2023 08:00	14.5	294817.7	21.64	1.88	0.09	0.28
31/12/2023 09:00	14.5	294925.8	21.64	1.89	0.00	0.22
31/12/2023 10:00	14.5	295841.7	22.10	1.85	0.00	0.22
31/12/2023 11:00	14.5	296333.8	22.63	1.83	0.00	0.22
31/12/2023 12:00	14.5	295639.7	22.77	1.70	0.00	0.22
31/12/2023 13:00	14.6	298509.8	23.94	1.67	0.00	0.20
31/12/2023 14:00	14.6	300745.3	26.25	1.64	0.11	0.20
31/12/2023 15:00	14.6	300028.7	23.94	1.69	0.00	0.22
31/12/2023 16:00	14.6	302008.4	23.78	1.69	0.00	0.22
31/12/2023 17:00	14.6	336343.7	26.41	1.62	1.06	0.15
31/12/2023 18:00	14.7	374413.8	29.60	1.58	2.76	0.16
31/12/2023 19:00	14.6	376393.5	29.17	1.66	3.05	0.20
31/12/2023 20:00	14.6	379661.8	28.26	1.65	3.61	0.24
31/12/2023 21:00	14.6	384266.9	27.14	1.71	3.81	0.33
31/12/2023 22:00	14.6	379946.2	29.26	1.70	3.43	0.27
31/12/2023 23:00	14.6	380577.7	29.30	1.72	3.95	0.31
Minimum	14.38	262,414.10	21.23	1.08	0.00	0.00
Maximum	15.10	385,689.10	52.03	2.64	12.81	36.57
Avg	14.62	341,312.25	34.86	1.98	3.70	0.12
SUM						
STD			STD = 60	STD = 6	STD = 28	STD = 690

ภาคผนวก ข-5
เอกสารแจ้งขอเชื่อมโยงข้อมูลผลการตรวจวัดคุณภาพสิ่งแวดล้อมแบบต่อเนื่อง (Online Monitoring)

Gulf BL

ที่ GBL O 0418/040

4 เมษายน 2561

สำนักงานนิคมอุตสาหกรรมบ้านหว้า
รับที่ 840/2561
วันที่ 4 เม.ย. 2561
เวลา 13.45 น.

เรื่อง ขอทำการเชื่อมต่อและทดสอบสัญญาณการส่งข้อมูลคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (CEMs) ไปยังศูนย์ปฏิบัติการการนิคมอุตสาหกรรมแห่งประเทศไทย (กนอ.)

เรียน ผู้อำนวยการนิคมอุตสาหกรรมบ้านหว้า(ไฮเทค) การนิคมอุตสาหกรรมแห่งประเทศไทย

อ้างถึง ประกาศคณะกรรมการนิคมอุตสาหกรรม แห่งประเทศไทย เรื่อง กำหนดประเภทโรงงานในนิคมอุตสาหกรรมที่ต้องติดตั้งเครื่องมือหรืออุปกรณ์พิเศษเพื่อตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติ พ.ศ. 2553

ตามที่อ้างถึงประกาศคณะกรรมการนิคมอุตสาหกรรม แห่งประเทศไทย เรื่อง กำหนดประเภทโรงงานในนิคมอุตสาหกรรมที่ต้องติดตั้งเครื่องมือหรืออุปกรณ์พิเศษเพื่อตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติ (Continuous Emission Monitoring System; CEMs) โดยประกาศดังกล่าวกำหนดให้โรงงานผลิตพลังงานไฟฟ้าทุกขนาดที่ตั้งอยู่ในนิคมอุตสาหกรรมต้องรายงานผลการตรวจวัดคุณภาพอากาศจากปล่องต่อศูนย์รับข้อมูลของสำนักงานนิคม หรือที่การนิคมอุตสาหกรรมแห่งประเทศไทย (กนอ.) กำหนดความละเอียดแจ้งแล้วนั้น

บริษัท กัลฟ์ บีแอล จำกัด ประกอบกิจการผลิตไฟฟ้าและไอน้ำ ตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า(ไฮเทค) เลขที่ 777 หมู่ที่1 ตำบลบ้านเลน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา 13160 ทั้งนี้ทางบริษัทฯมีความประสงค์ที่จะเชื่อต่อผลการตรวจวัดเครื่องตรวจวัดความเข้มข้นของมลพิษทางอากาศจากปล่องแบบต่อเนื่อง (CEMs) ในวันที่ 23 สิงหาคม 2561เพื่อส่งผลตรวจวัดไปยังศูนย์ปฏิบัติการ การนิคมอุตสาหกรรมแห่งประเทศไทย ทั้งนี้ทางบริษัทฯขอความอนุเคราะห์เข้าไปประสานงานเจ้าหน้าที่ฯศูนย์ปฏิบัติการ การนิคมอุตสาหกรรมแห่งประเทศไทย ในวันที่ 24 พฤษภาคม 2561 บริษัทฯ ขอขอบพระคุณในความอนุเคราะห์มา ณ โอกาสนี้

จึงเรียนมาเพื่อโปรดพิจารณาดำเนินการในส่วนที่เกี่ยวข้องต่อไป

ได้รับต้นฉบับหนังสือนี้ไว้แล้ว
ลงชื่อ.....ผู้รับ
(นายแสงเพชร พาชัญญา)
วันที่ 4 เม.ย. 61

ขอแสดงความนับถือ

[redacted]

ผู้จัดการโครงการก่อสร้างโรงไฟฟ้าบ้านเลน

ผู้ประสานงาน:คุณแสงเพชร ตั้งชัว โทรศัพท์ โทรศัพท์ 08 1604 4473 email: sangpetch.tu@gulf.co.th

Gulf BL
Company Limited

11th Floor, M. Thai Tower, All Seasons Place,
87 Wireless Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand

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

Gulf BL

ที่ GBL O 1218 / 174

20 ธันวาคม 2561

สำนักงานนิคมอุตสาหกรรมบ้านหว้า
รับที่ 750/61
วันที่ 19 ธ.ค. 2561
เวลา 9.00 น.

เรื่อง แจ้งเรื่องติดตั้งระบบ Online Monitoring เพื่อตรวจสอบอุณหภูมิ ค่าความเป็นกรด-ด่าง ค่าการนำไฟฟ้า และค่าออกซิเจนละลายน้ำ บริเวณบ่อพักน้ำหล่อเย็นของโรงไฟฟ้าฯ และการรายงานผลไปยังศูนย์ควบคุมน้ำเสียของนิคมอุตสาหกรรมบ้านหว้า (ไฮเทค)

เรียน ผู้อำนวยการนิคมอุตสาหกรรมบ้านหว้า(ไฮเทค) การนิคมอุตสาหกรรมแห่งประเทศไทย

สิ่งที่ส่งมาด้วย 1.รูปแสดง link webpage ระบบ Online Monitoring

บริษัท กัลฟ์ บีแอล จำกัด ประกอบกิจการผลิตไฟฟ้า ตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) เลขที่ 777 หมู่ที่1 ตำบลบ้านเลน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา 13160 ได้ทำการติดตั้งระบบ Online Monitoring เพื่อตรวจสอบอุณหภูมิ ค่าความเป็นกรด-ด่าง ค่าการนำไฟฟ้า และค่าออกซิเจนละลายน้ำ บริเวณบ่อพักน้ำหล่อเย็นของโรงไฟฟ้าฯ และการรายงานผลไปยังศูนย์ควบคุมน้ำเสียของนิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) นั้น ทางโรงไฟฟ้าฯ ขอแจ้งว่า ระบบ online monitor ได้ดำเนินการติดตั้งเสร็จเรียบร้อย พร้อมใช้งาน แล้ว โดยทางการนิคมฯ สามารถเข้าใช้งานผ่าน Link Webpage: https://203.172.102.115/GBLlandingpage

กรณีที่มีปัญหา หรือขอข้อมูลเพิ่มเติมสามารถติดต่อกลับได้ที่ คุณอดิศักดิ์ เชิดชูวงศ์ธนากร เบอร์ 081-8062313, Email address: Adisak.che@gulf.co.th

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

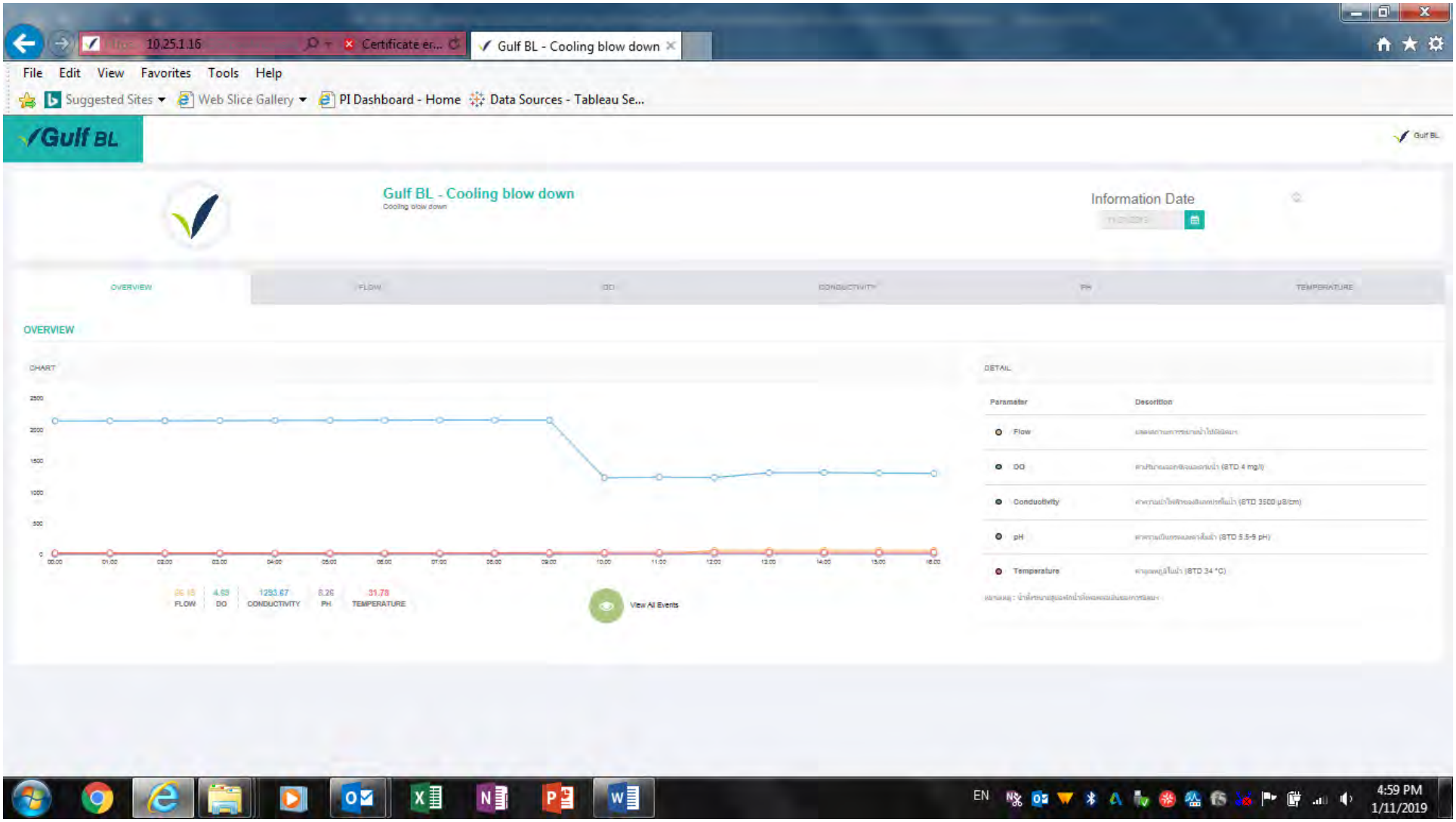
ได้รับต้นฉบับหนังสือนี้ไว้แล้ว
ลงชื่อ.....ผู้รับ
(.....)
วันที่.....

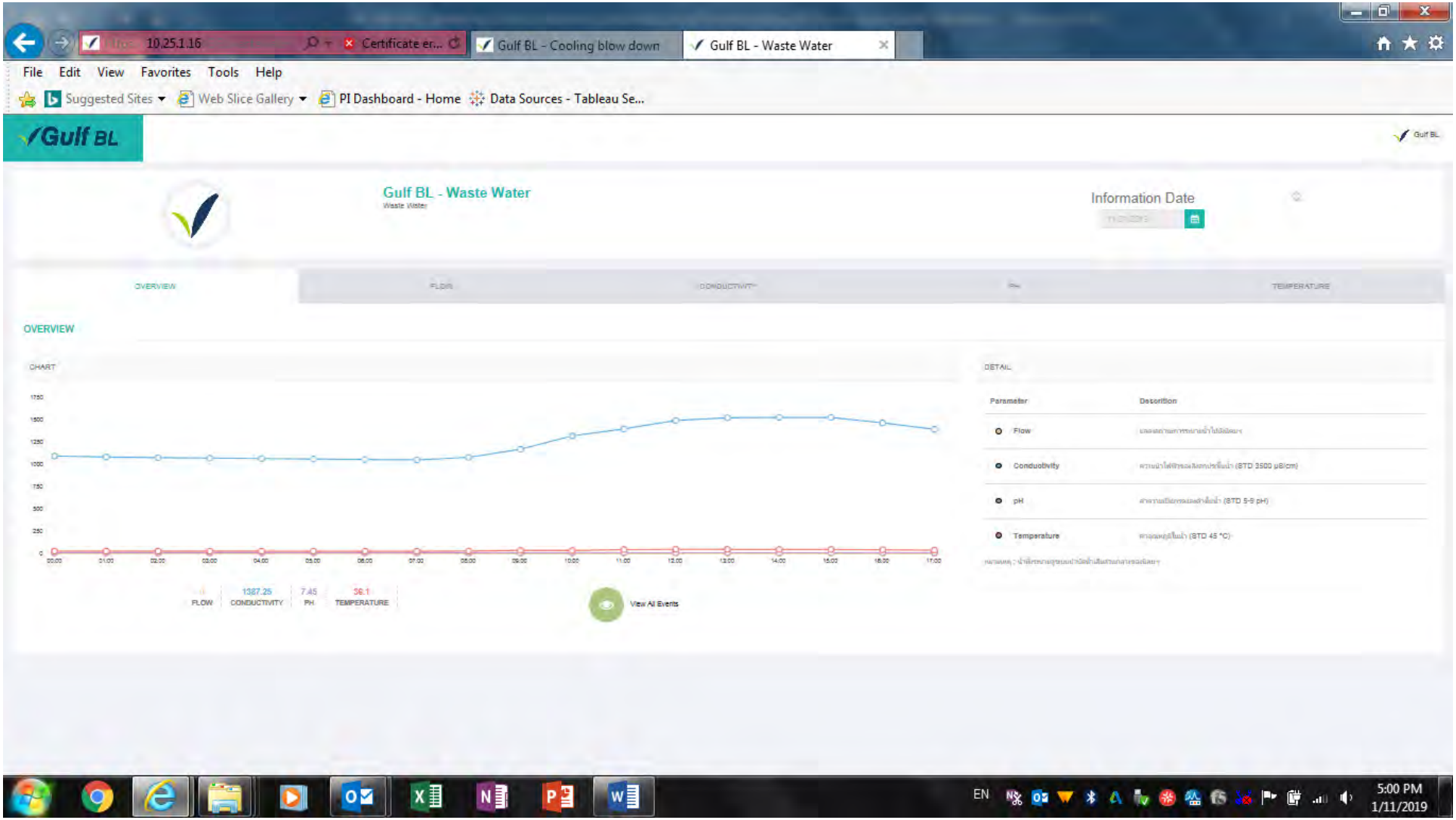
[redacted]

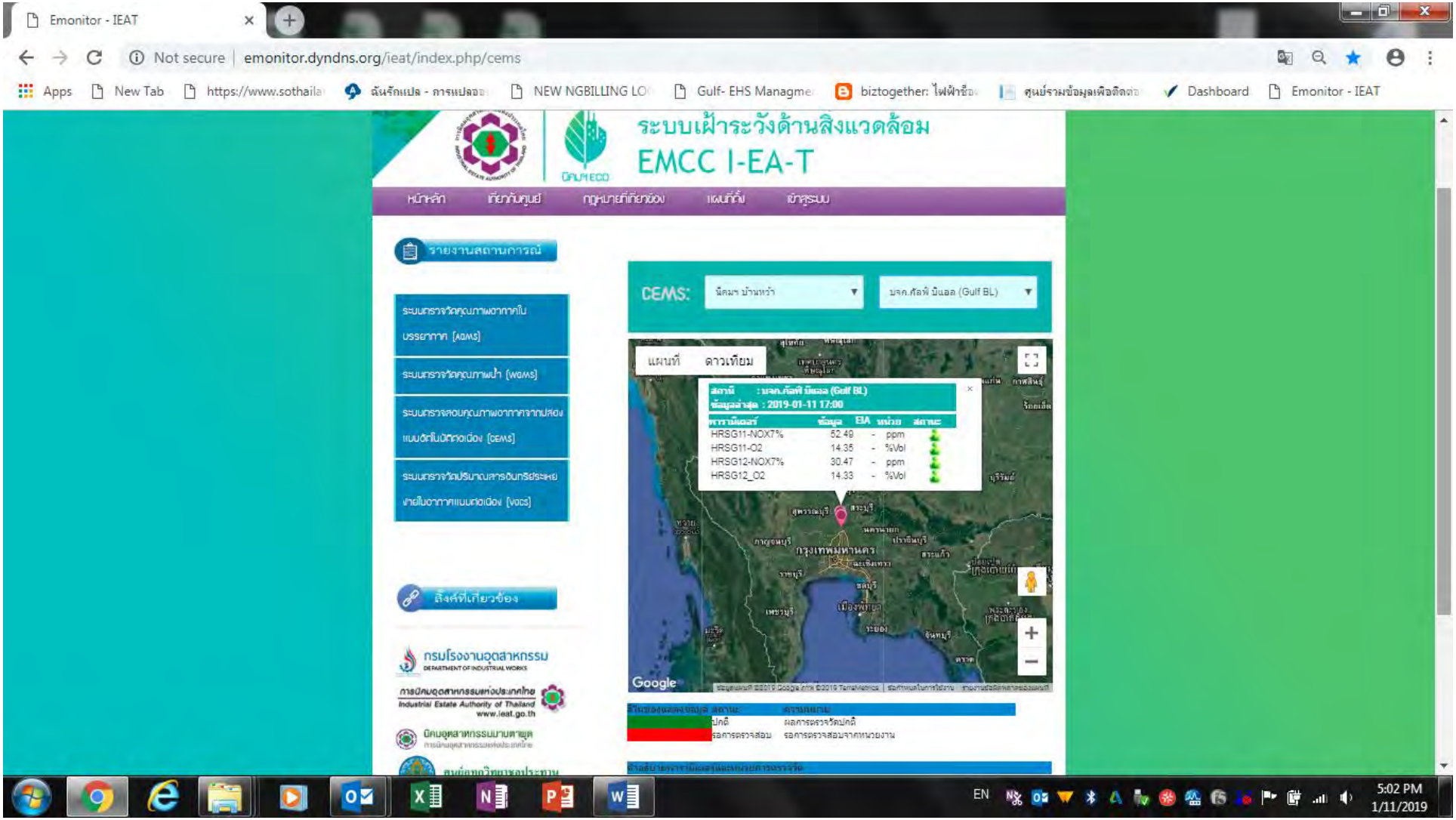
ผู้จัดการโรงไฟฟ้า

Gulf BL Company Limited
11th FL., M. Thai Tower, All Seasons Place, 87 Wireless Road, Lumpini, Pathumwan, Bangkok 10330
Tel: 02-610-5555 Fax: 02-610-5566

รูปหน้า web page online monitoring




10.25.1.16
Certificate er...
Gulf BL - Cooling blow down
Gulf BL - Waste Water
File Edit View Favorites Tools Help
Suggested Sites
Web Slice Gallery
PI Dashboard - Home
Data Sources - Tableau Se...
Gulf BL
Gulf BL - Waste Water
Waste Water
Information Date
OVERVIEW
FLOW
CONDUCTIVITY
PH
TEMPERATURE
OVERVIEW
CHART
DETAIL
Parameter
Description
Flow
Conductivity
pH
Temperature
1387.25
CONDUCTIVITY
7.45
PH
36.1
TEMPERATURE
View All Events
EN
5:00 PM
1/11/2019


Emonitor - IEAT
Not secure
emonitor.dyndns.org/ieat/index.php/cems
Apps
New Tab
Dashboard
Emonitor - IEAT
ระบบเฝ้าระวังด้านสิ่งแวดล้อม
EMCC I-EA-T
หน้าหลัก
เกี่ยวกับศูนย์
กฎหมายที่เกี่ยวข้อง
แผนที่ตั้ง
เข้าสู่ระบบ
รายงานสถานการณ์
ระบบตรวจวัดคุณภาพอากาศในบรรยากาศ (AQMS)
ระบบตรวจวัดคุณภาพน้ำ (WQMS)
ระบบตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติต่อเนื่อง (CEMS)
ระบบตรวจวัดปริมาณสารอันตรายระเหยง่ายในอากาศแบบต่อเนื่อง (VOCS)
สิ่งที่เกี่ยวข้อง
กรมโรงงานอุตสาหกรรม
การนิคมอุตสาหกรรมแห่งประเทศไทย
www.ieat.go.th
นิคมอุตสาหกรรมมาบตาพุด
CEMS:
นิคมฯ บ้านหว้า
บจก.กัลฟ์ บีแอล (Gulf BL)
แผนที่
ดาวเทียม
สถานี : บจก.กัลฟ์ บีแอล (Gulf BL)
ข้อมูลล่าสุด : 2019-01-11 17:00
พารามิเตอร์ ข้อมูล EIA หน่วย สถานะ
HRSG11-NOX7% 52.49 - ppm
HRSG11-O2 14.35 - %Vol
HRSG12-NOX7% 30.47 - ppm
HRSG12_O2 14.33 - %Vol
กรุงเทพมหานคร
Google
ปกติ
ผลการตรวจวัดปกติ
รอการตรวจสอบ
รอการตรวจสอบจากหน่วยงาน
EN
5:02 PM
1/11/2019